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GenCore version 5.1.6

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M protein - protein search, using sw model

Run on: September 25, 2003, 12:02:46; Search time 16 Seconds

(without alignments)

21.155 Million cell updates/sec

Title:
US-09-461-061A-1

Perfect score: 45-461-061A-1

Sequence: 1 NNATFYFK 8

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717
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Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries Database : Issued_Patents_AA:*

1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

+1:000		æ			COLUMNIC	
	Score	Match	Query Match Length DB	DB	ID	Description
	45	100.0	117	!	US-08-193-114B-1	Sequence 1, Appli
	45	100.0	117	S	PCT-US92-06809-1	H
	39	86.7	26	m	US-08-676-242-15	Sequence 15, Appl
	34	75.6	602	4	US-09-149-727-2	<u>ر</u>
	34	75.6	607	4	US-09-149-727-8	8
	34	75.6	618	4	US-09-149-727-4	4
	31	68.8	193	Н	US-08-483-140-30	30,
	31	68.9	193	?	US-08-485-938A-36	36,
	31	68.8	441	Н	US-08-470-187-8	8, A
	31	68.9	441	٦	US-08-318-905-8	8
	31	68.9	441	г	US-08-483-232-8	8
	31	68.8	441	٦	US-08-483-140-8	8
	31	68.8	441	7	US-08-485-938A-8	8
	31	6.89	441	~	US-08-910-041-8	8
	31	6.89	441	ო	US-09-328-474-8	Sequence 8, Appli
	31	68.9	441	m	US-09-100-546-8	8
	31	68.9	441	e	US-09-010-715-8	8
	31	68.8	441	٣	US-09-577-758-8	æ
	31	68.9	444	щ	US-08-483-140-28	
	31	68.8	444	7	US-08-485-938A-32	
	31	68.9	850	4	US-09-328-352-7660	Sequence 7660, Ap
	31	68.9	902	Н	US-08-701-846-2	
	31	68.8	2710	П	US-08-480-604A-6	ý
	.31	68.9	2710	~	US-08-405-496A-6	ý
	31	68.9	2710	æ	US-08-915-136-6	ģ
	31	68.8	2710	4	US-08-957-310-6	9
	31	68.9	2710	4	US-10-011-366-6	Sequence 6, Appli

App 6 6 A App 7 App 10183 10183 10191 1019			°,
5597, 550366, 550366, 55040, 55040, 55040, 55040, 560, 560, 560, 560, 560, 560, 560, 56		tion .	Gaps
Sequence Seq		Activation	117; s 0;
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997 20366 6644 0		0 t	1; 3; 0;
-357-597 -352-5904 -931A-2036 -931A-6644 -100-3 -100-4 -100-6 -100-6 -100-6 -100-6 -100-6 -100-7 -100-9 -100-10	(ENTS	ood ragme 0n 2945	ore 45; DB ed. No. 0.23 Mismatches
US-09-227-357-59 US-09-328-352-59 US-09-107-5-931A-62 US-09-107-5-931A-62 US-08-446-100-1 US-08-446-100-3 US-08-446-100-3 US-08-446-100-4 US-08-446-100-6 US-08-446-100-9 US-08-446-100-9 US-08-446-100-9 US-08-446-100-9 US-08-446-100-10 US-08-446-100-10 US-08-446-100-10 US-08-446-100-10 US-08-446-100-10 US-08-446-100-10 US-08-446-100-10	ALIGNMENTS	म ०७६ ० म	Score Pred.
		148-1 1, Application US/08193114 1, 5472945 INFORMATION: Schmaier, Alvin H. SANT: Jiang, Yongping OF INVENTION: Modulation OF INVENTION: With Kinino OF INVENTION: With Kinino OF INVENTION: With Kinino PROSEDERS: 100 SEQUENCES: 2 100 SEQUENCES: 2 100 SEQUENCES: 3 10 SEGUENCES: 3 10 S	ő
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		nn US/08193: Er, Alvin H Yongping Modulatid M	100.0%; 100.0%; ive
24400000000000000000000000000000000000		Long State of the control of the con	vat
66.77 66.77 66.77 66.77 66.77 66.77 66.77		1 12945 RMATION: Schmad: Jiang, fr Jiang, fr Jiang, fr Jiang, fr NVENTION: SEQUENCES: SEQUENCES: SEGUENCES: SEGUENCES: SEGUENCES: SEGUENCES: SEGUENCES: INO INO INO INO INO INO INO INO INO INO	arit
000000000000000000000000000000000000000		APPLICATION 5472945 NPORMATION: T: SChmaier, WT: Schmaier, WT: Schmaier, WT: Schmaier, WT: Schmaier, WT: Schmaier, T: INVENTION: F: INVENTION:	Similarity 8; Conser
		193-1148-1 ance 1, Application of the No. 547295 ERAL INFORMATION: Schmaier, Spelicary: Joing, Yourle OF INVENTION: JULICARY: JULICARY	tch al S
		ULT 1 equence 1, Applicat. atent No. 5472945 GENERAL INFORMATION APPLICANT: Schma- APPLICANT: Jiang- APPLICANT: Jiang- APPLICANT: Jiang- APPLICANT: Schma- APPLICANT: Schma- APPLICANT: Schma- APPLICANT: OF INVENTION TITLE OF INVENTION CORRESPENTION STREET: 1800 TO STREET: Pennsylv COUNTER: Pennsylv COUNTER: Pennsylv COUNTER: Pennsylv COUNTER: IBM OPERATING SYSTER SOFTWARE: Word CURRENT APPLICATION NUM PELICATION NUM FILING DATE: J TELECHONE: (215)	y Matcl Local hes
20000000000000000000000000000000000000		Patt GE LIN	Query Match Best Local Matches
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288 NNKPFYFK 295
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Best Local Similarity
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| NATFYFK 7
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US-09-149-727-2
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LENGIH: 602
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                                                                                                                                           TYPE: PRT
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APPLICANT: The Regents of the University of Michigan
APPLICANT: Schmaler, Alvin H.
APPLICANT: Hasm, Ahmed A.K.
TITLE OF INVENTION: Bradykinin Analogs As Selective Thrombin Inhibitors
FILE REFERENCE: 8820-2 US
CURRENT APPLICATION NUMBER: US/08/676,242C
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                                                                                                                                   Sequence 1, Application PC/TUS9206809
GENERAL INFORMATION:
APPLICANT: Schmatton:
APPLICANT: Jang, Yongping
APPLICANT: Jang, Yongping
TITE OF INVENTION: Modulation of Blood
TITLE OF INVENTION: Pressure by Altering Bradykinin Levels
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 45; DB 5; Length 117; 100.0%; Pred. No. 0.23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                             ADDRESSEE: Temple University - Of the
ADDRESSEE: Commonwealth System of Higher Education
STREET: 4.06 University Services
STREET: Building
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             744,545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDION TIPE: DISSECTE, 3.30 INCD, 720 K COMPUTER: IBM PS/2 SOFTWARE: WORDERFECT 5.1 SOFTWARE: WORDERFECT 5.1 SOFTWARE: WORDERFECT 5.1 SOFTWARE: WORDERFECT 5.1 RPLING DATE: 19910813 CLASSIFICATION: 514 PRIOR APPLICATION: 514 PRIOR APPLICATION NUMBER: U.S. Application APPLICATION NUMBER: U.S. Application APPLICATION NUMBER: U.S. Application APPLICATION NUMBER: 13 Application FILING DATE: 13 August 1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 15, Application US/08676242C Patent No. 6143719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Monaco, Daniel A.
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 65
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 117 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (215) 568-838 TELEFAX: (215) 568-5549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.
Matches 8; Conservative
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  NNATFYFK
                                                                                                                   PCT-US92-06809-1
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Sequence 2, Application US/09149727

Patent No. 6391547

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Jefferson, Richard A.
APPLICANT: Kilian, Andrzej
APPLICANT: Keese, Paul Konrad
TITLE OF INVENTION: UNCROBLED BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND
TITLE OF INVENTION: UNGS THEREOF
FILE REFERENCE: 190106,405
CURRENT APPLICATION UNMBER: US/09/149,727
CURRENT APPLICATION NUMBER: US/09/149,727
CURRENT PILING DATE: 1998-09
EARLIER APPLICATION NUMBER: US 60/058,263
EARLIER PILING DATE: 1997-09-09
NUMBER OF SEQ ID NOS: 71
SOFTWARE: PATENTIN VOS: 7.0
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APPLICANT: Jefferson, Richard A.
APPLICANT: Wilan, Andrze A.
APPLICANT: Kilan, Andrze A.
APPLICANT: Keese, Paul Konrad
TITLE OF INVENTION: WICKOBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 190106. USES THEREOF
CURRENT APPLICATION NUMBER: US/09/149,727
CURRENT FILING DATE: 1998-09-08
EARLIER FILING DATE: 1997-09-09
NUMBER OF SEQ ID NOS: 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: Bradykinin OTHER INFORMATION: analog
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                                                                                                                                                                                                                                                                                                                                                                                                                86.7%; Score 39; DB 3; Length 26; 100.0%; Pred. No. 0.64; 0: Indels 1ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 34; DB 4; Length 602
Pred. No. 1.1e+02;
); Mismatches 2; Indels
EARLIER APPLICATION NUMBER: 60/000,096
EARLIER FLING DATE: 1995-06-09
EARLIER APPLICATION NUMBER: PCT/US96/09940
EARLIER FILING DATE: 1996-06-07
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
LENGTH: 26
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Patent No. 6391547
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75.0%;
                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 75.6
Best Local Similarity 75.0
Matches 6; Conservative
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FILING DATE:
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APPLICANT: Jefferson, Richard A.
APPLICANT: Kilian, Andrzej
APPLICANT: Kilian, Andrzej
APPLICANT: Kilian, Andrzej
APPLICANT: Keese, Paul Konrad
TITLE OF INVENTION: MICROBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 190106,405
CURRENT APPLICATION NUMBER: US/09/149,727
CURRENT FILING DATE: 1998-09-08
EARLIER FILING DATE: 1997-09-09
NUMBER OF SEQ ID NOS: 71
SOFTWARE: PALEINT VET. 2.0
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                                                                                                           Length 607;
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                                                                                                                                              2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Marshall, O'Toole, Gertein, Murray & Borun STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-483-140-30
Sequence 30, Application US/08483140
Patent No. 5698403
GENERAL INFORMATION:
APPLICANT: ICOS Corporation
TITLE OF INVENTION: Platelet-Activating Factor Acetyl
TITLE OF INVENTION: Application
TITLE OF INVENTION: Platelet-Activating Factor Acetyl
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PAPELICATION DATA:
FILING DATE:
FLING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                           Score 34; DB 4; 1
Pred. No. 1.2e+02;
0; Mismatches 2,
                                                                                                                                                                                                                                                                                                     ; Sequence 4, Application US/09149727
; Patent No. 6391547
                                                                                                           75.68;
75.08;
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75.0%;
                                                                                      Query Match
Best Local Similarity 75.v.
Fra 6; Conservative
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Best Local Similarity 75.0.
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; SEQ ID NO 8
; LENGTH: 607
; TYPE: PRT
; ORGANISM: Bacillus sp.
US-09-149-727-8
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STATE: Illinois
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cousens, Lawrence S.
APPLICANT: Eberhardt, Christine D.
APPLICANT: Gray Partick W.
APPLICANT: Toelker, Larry W.
APPLICANT: Tjoelker, Larry W.
APPLICANT: Widder, Cheryl L.
TITLE OF INVENTION: Platelet. Activating Factor
TITLE OF INVENTION: Acetylhydrolase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR DATE: 06-0CT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,803
FILING DATE: 06-0CT-1993
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5847088and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/32792
APPLICATION NUMBER: US 08/318,905
FILING DATE: 6-OCT-1994
PRIOR APPLICATION DATE:
APPLICATION DATE:
APPLICATION NUMBER: US 08/133,803
FILING DATE: 6-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: No. 5698403and, Greta E.
RECISTRATION NUMBER: 35,302
RECISTRATION NUMBER: 35,302
RECISTRATION NUMBER: 35,302
TELEPHONE: (312) 474-6300
TELEPAN: (312) 474-648
TELEFAX: 25-3658
INFORMATION FOR SEQ. ID NO: 30:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,938A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: Illinois
COUNTRY: United States of America
2IP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-485-938A-36
; Sequence 36, Application US/08485938A
; Patent No. 5847088
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TELEPHONE: (312) 474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            : (312) 474-6300
(312) 474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 68.9%;
Best Local Similarity 71.4%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 193 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             :||:|||
143 SATYYFK 149
                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Courses, Lawrence S.
APPLICANT: Cores, Patrick W.
APPLICANT: Gray, Patrick W.
APPLICANT: Tjoelker, Larry W.
APPLICANT: Tjoelker, Larry W.
APPLICANT: Milder, Cheryl L.
TITLE OF INVENTION: Platelet-Activating Factor Acetyl
TITLE OF INVENTION: Hydrolase
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gertein, Murray & Borun
STREET: 1000 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                Length 193;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    68.9%; Score 31; DB 1; Length 441; 71.4%; Pred. No. 2.9e+02; Live 2; Mismatches 0; Indels
                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,187
                                                                                                                                                            Score 31; DB 2; I
Pred. No. 1.3e+02;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5532152and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 31672
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-6300
TELEX: 25-3658
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                    US-08-470-187-8; Sequence 8, Application US/08470187; Patent No. 5532152; GENERAL INFORMATION:
                  36:
                                                                                                                                                            68.9%;
illarity 71.4%;
Conservative
                                                      : 193 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 441 amino acids TYPE: amino acid
TELEX: 25-3658
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best_Local Similarity 71.4 Matches 5; Conservative
                                                                                                        ; MOLECULE TYPE: protein US-08-485-938A-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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MOLECULE TYPE: protein
                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                       : ||:|||
143 SATYYFK 149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 6300 scc...
CITY: Chicago
STATE: Illinois
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185 SATYYFK 191
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                                                                                     TOPOLOGY:
                                                      LENGTH:
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Gaps
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                         APPLICANT: Cousens, Lawrence S.
APPLICANT: Eberhardt, Christine D.
APPLICANT: Gray, Patrick W.
APPLICANT: Le Troog, Hai,
APPLICANT: Tiocalker, Larry W.
APPLICANT: Wilder, Cheryl L.
TITLE OF INVENTION: Platelet-Activating Factor Acetyl
TITLE OF INVENTION: Hydrolase
NUMBER OF SEQUENCES: 26
CORRESPONDENCE: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 441;
                                                                                                                                                                                                                                                                                         E: Marshall, O'Toole, Gertein, Murray & Borun
6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/318,905
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Pred. No. 2.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: COUSens, Lawrence S.
APPLICANT: Eberhardt, Christine D.
APPLICANT: Gray, Patrick W.
APPLICANT: I. frong, Hai
APPLICANT: Tjoelker, Larry W.
APPLICANT: Wilder, Cheryl L.
ITILE OF INVENTION: Platelet-Activating Factor
TITLE OF INVENTION: Acetylhydrolase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,803
FILING DATE: 6-0CT-1993
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5641669and, Greta E.
REGISTRATION NUMBER: 35,302
                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMMPUTER: IBM PC compatible
OPPERATING SYSTEM: PC-DOS/MS-DOS
Sequence 8, Application US/08318905
Patent No. 5641669
GENERAL INFORMATION:
APPLICANT: COUSENS, LAWRENCE S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-483-232-8

Sequence 8, Application US/08483232

; Patent No. 5656431

; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 322
TELECOMMUNICATION INFORMATION:
TELEFAX: (312) 474-6300
TELEXX: (312) 474-0448
TELEX: 25-3658
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 68.9%;
Best Local Similarity 71.4%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 441 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; MOLECULE TYPE: protein US-08-318-905-8
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185 SATYYFK 191
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                                                                                                                                                                                                                                                                                                                                     Chicago
                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
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STREET: 63
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Length 441;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 8, Application US/08485938A
Patent No. 5847088
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cousens, Lawrence S.
APPLICANT: Gray, Patrick W.
APPLICANT: Gray, Patrick W.
APPLICANT: Le Trong, Hai
APPLICANT: Wilder, Larry W.
TITLE OF INVENTION: Platelet-Activating Factor
TITLE OF INVENTION: Acetylhydrolase
NUMBER OF SEQUENCES:
CORRESONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 60666-6402
COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 31; DB 1;
Pred. No. 2.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2; Mismatches
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REGISTRATION NUMBER: 35,302
REFENCE/DOCKET NUMBER: 27866/32792
TELECHMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
           PRIOR APPLICATION DATA:
PRIOR PAPELICATION NUMBER: US 08/318,905
FILING DATE: 6-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,803
FILING DATE: 6-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: No. 5698403and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 3781
TELEPHONE: (312) 474-0448
TELEFRAX: (312) 474-0448
TELEFRAX: (312) 474-0448
TELEFRAX: 25-3658
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 441 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/485,938A FILING DATE: CLASSIFICATION: 435 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/318,905 FILING DATE: 06-OCT-1994 PRIOR APPLICATION DATA:
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FILING DATE: 06-OCT-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: United States of America ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     68.9%;
71.4%;
                                                                                                                                                                                                                                                                                                                                                                   : 441 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 71.4
Matches 5; Conservative
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MOLECULE TYPE: protein

US-08-483-140-8
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185 SATYYFK 191
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CITY: Chicago
STATE: Illinois
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                                        E: Marshall, O'Toole, Gerstein, Murray & Borun 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 8, Application US/08483140
Patent No. 5698403
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Platelet-Activating Factor Acetyl
TITLE OF INVENTION: Hydrolase
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSE: Marshall, O'Toole, Gertein, Murray & Borun
STREET: 6300_Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            68.9%; Score 31; DB 1; Length 441
71.4%; Pred. No. 2.9e+02;
ive 2; Mismatches 0; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,140
                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,232
                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/318,905
FILING DATE: 06-0CT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,803
ATTORNEY/AGENT INFORMATION:
NAME: No. 5656431and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 37866/32689
TELECOMMUNICATION INFORMATION:
                                                                                                 STATE: Illinois
CONTRY: United States of America
CONTRY: United States of America
COMPOTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPOTER: IBM PC COMPOTIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPANE: (312) 474-6300
TELEPAX: (312) 474-0448
TELEX: 25-3658
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 441 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 71.4*
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; MOLECULE TYPE: protein US-08-483-232-8
                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
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CLASSIFICATION: 435
NUMBER OF SEQUENCES:
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185 SATYYFK 191
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STATE: Illinois
                                                                                     CITY: Chicago
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                                                                                                                                                                                                                                                                                                                                           FILING DATE:
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Length 441;
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        Score 31; DB 2; Length 441.
Pred. No. 2.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .B: Marshall, O'Toole, Gerstein, Murray & Borun 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: COUSENS, LAWRENCE S.
APPLICANT: COUSENS, LAWRENCE S.
APPLICANT: Gray, Patrick W.
APPLICANT: To Trong, Hai
APPLICANT: To Trong, Hai
APPLICANT: Wilder, Larry W.
TITLE OF INVENTION: Platelet-Activating Factor
TITLE OF INVENTION: Acetylhydrolase
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.25 CORRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/328,474
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 31; DB 3;
Pred. No. 2.9e+02;
2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/483,232
FILING DATE: 07-UNN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/318,905
FILING DATE: 06-OCT-1994
PROOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,803
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 08/133,803
FILING DATE: 06-OCT-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                   Sequence 8, Application US/09328474 Patent No. 6045794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Rin-Laures, Li-Hsien
REGISTRATION NUMBER: 33,547
REFERENCE/DOCKET NUMBER: 27
TELECOMMUNICATION INFORMATION:
                         68.98;
71.48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3658
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         68.9%;
ilarity 71.4%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 441 amino acids TYPE: amino acid
                         Query Match 68.9
Best Local Similarity 71.4
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; MOLECULE TYPE: protein US-09-328-474-8
                                                                                                                                 :||:|||
185 SATYYEK 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               :||:|||
185 SATYYFK 191
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Best Local Similarity
Matches 5; Conserv
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CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
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                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                         Score 31; DB 2; Length 441;
Pred. No. 2.9e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Marshall, O'Toole, Gerstein, Murray & Borun 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Chicago
STATE: 111inois
CONTRY: United States of America
ZIP: 6606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: BACH COMPATIBLE
COMPUTER: The PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/910,041
                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 8, Application US/08910041
Patent No. 5977308
GENERAL INFORMATION:
APPLICANT: Cousens, Lawrence S.
APPLICANT: Eberhardt, Christine D.
APPLICANT: Le Trong, Hal.
APPLICANT: Tyoelker, Larry W.
APPLICANT: Wilder, Cheryl L.
TITLE OF INVENTION: Platelet-Activating Factor
TITLE OF INVENTION: Acetylhydrolase
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 424
PRIOR APPLICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/483,232
FILING DATE: U7-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/318,905
FILING DATE: 06-0CT-1994
PRIOR APPLICATION NUMBER: US 08/133,803
FILING DATE: 06-0CT-1993
ATTORNEY/AGENT INFORMATION:
NAME: RIP-LAURES, LI-HSIGN
REGISTRATION NUMBER: 33,547
REGISTRATION NUMBER: 27866/34026
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                           68.9%;
71.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3658
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
TELEFAX: (312) 474-0448
TELEX: 25-3658
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
                                                                              LENGTH: 441 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  441 amino acids
amino acid
                                                                                                                                                                                      ; MOLECULE TYPE: protein US-08-910-041-8
                                                                                                                                                                                                                                                                                                              :||:||}
185 SATYYFK 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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                                                                                                                                                                   US-08-485-938A-8
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Gaps

Search completed: September 25, 2003, 12:05:40 Job time: 17 secs

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GenCore version 5.1.6 Copyright (c) 1993 2003 Compugen Ltd.
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OM protein - protein search, using sw model

September 25, 2003, 12:04:46; Search time 62 Seconds (without alignments) 19.523 Million cell updates/sec Run on:

US-09-461-061A-1 45

1 NNATFYFK 8 Perfect score: Sequence: BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

566894 seqs, 151307093 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

Published_Applications_AA:*

1. /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.ppp:*
2. /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.ppp:*
3. /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.ppp:*
4. /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.ppp:*
5. /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.ppp:*
6. /cgn2_6/ptodata/1/pubpaa/PUBCOMB.ppp:*
7. /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.ppp:*
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9. /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.ppp:*
10. /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.ppp:*
11. /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.ppp:*
12. /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.ppp:*
13. /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.ppp:*
14. /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.ppp:*
15. /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.ppp:*
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19. /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.ppp:*
11. /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.ppp:*

SUMMARIES

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	Sequence 29, Appl	Sequence 5152, Ap	Sequence 566, App	Sequence 566, App	Sequence 319, App	Sequence 2, Appli	Sequence 8, Appli	Sequence 4, Appli	Sequence 12015, A	Sequence 118, App	Sequence 6, Appli	Sequence 13997, A	Sequence 8, Appli	Sequence 1, Appli	Sequence 8, Appli
ΔI	US-09-919-039-29	US-10-106-698-5152	US-09-764-847-566	US-10-092-154-566	US-10-238-075-319	US-10-120-145-2	US-10-120-145-8	US-10-120-145-4	US-10-156-761-12015	US-09-801-368-118	US-09-768-235B-6	US-09-815-242-13997	US-09-729-402-8	US-10-161-127-1	US-10-003-978A-8
DB	11	15	10	15	12	12	12	12	15	10	11	<u>ص</u>	_ თ	12	15
Query Match Length DB ID	427	42	61	61	541	602	209	618	482	1659	178	224	441	441	441
Query	100.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	73.3	71.1	68.8	68.8	68.89	6.89	68.8
Score	45	34	34	34	34	34	34	34	33	32	31	31	31	31	31
Result No.	-	C 1	e	4	ഗ	φ	7	æ	6	10	11	12	13	14	15

Sequence 10, Appl. Sequence 6, Appl. Sequence 158, App Sequence 357, App Sequence 356, App Sequence 208, App Sequence 118, App Sequence 118, App Sequence 155, App Sequence 155, App Sequence 156, App Sequence 157, App Sequence 154, App Sequence 17, Appl. Sequence 20, Appl. Sequence 21, Appl. Sequence 22, Appl. Sequence 24, Appl. Sequence 26, Appl. Sequence 27, Appl. Sequence 27, Appl. Sequence 28, Appl. Sequence 4, Appl. Sequence 6, Appl. Sequence 6, Appl. Sequence 2, Appl. Sequence 2, Appl. Sequence 6, Appl.	
9 US-09-740-046-10 15 US-10-011-366-6 11 US-09-510-332-158 11 US-09-510-332-158 11 US-09-510-332-158 12 US-09-764-872-355 9 US-09-764-873-756 9 US-09-764-873-756 12 US-10-017-161-1786 11 US-09-510-332-9 10 US-09-510-332-9 11 US-09-510-332-155 12 US-09-10-32-155 13 US-09-738-155 14 US-09-738-65 15 US-09-738-738-4 10 US-09-738-738-6 10 US-09-748-739A-18 10 US-09-748-739A-18 11 US-10-032-233-18 12 US-10-032-233-18	
111 7111 11882 11084 1127 1127 1127 1127 1127 1127 1127 112	
00000000000000000000000000000000000000	
11111222222222222222222222222222222222	

ALIGNMENTS

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Sequence 29, Application US/09919039
Publication No. US20030108871A1
Publication No. US20030108871A1
Publication No. US20030108871A1
APPLIANT: Kaser, Matthew R.
TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
FILE REFERENCE: PA-0035 US
CURRENT APPLICATION UNMBER: US/09/919,039
CURRENT FILING DATE: 2002-09-09
PRIOR PILING DATE: 2000-07-28
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 401
SOFTWARE: PERL PROGRAM
SEQ ID NOS: 401
SSOID NO 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 427;
                                                                                                                                                                                                                                                                                                                                                                                                            ; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20030108871A1 167507CD1
US-09-919-039-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
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0
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11arity 100.0%; Pred. No. 1.3;
Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
Matches 8; Conserv
US-09-919-039-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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1 NNATFYFK 8 g ŏ

US-10-106-698-5152 RESULT 2

Sequence 5152, Application US/10106698; Publication No. US20030109690A1
; Publication No. US20030109690A1
; PEPLICAMT: Ruben et al.

Gaps

; 0

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APPLICANT: I.N.S.E.R.M.

TITLE OF INVENTION: Polynucleotides which are of nature B2/D+ A- and which are iso TITLE OF INVENTION: E.coli, and biological uses of these polynucleotides and of t FILE REFERENCE: BLANDINE
CURRENT APPLICATION NUMBER: US/10/238,075
CURRENT FILING DATE: 2002-09-10
PRIOR FILING DATE: 2000-03-10
NUMBER OF SEQ ID NOS: 1576
SOFTWARE: Patentin version 3.1
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2, Application US/10120145

Sequence 2, Application US/10120145

Publication No. US20030157684A1

GENERAL INFORMATION:
APPLICANT: Jefferson, Richard A.
APPLICANT: Kelse, Paul Konrad

APPLICANT: Keese, Paul Konrad

TITLE OF INVENTION: USES THEREOF

TITLE OF INVENTION: USES THEREOF

TITLE OF INVENTION: USES THEREOF

FILE REFERENCE: 190106.405

CURRENT APPLICATION NUMBER: US/10/120,145

CURRENT FILING DATE: EARLIER FILING DATE: 1998-09-08

PRIOR FILING DATE: EARLIER FILING DATE: 1997-09-09

PRIOR REDICATION NUMBER: EARLIER PRILING DATE: 1997-09-09

NUMBER OF SEQ ID NOS: 71

SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 34; DB 12; Length 541;
Pred. No. 1.7e+02;
); Mismatches 1; Indels
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Pred. No. 1.9e+02;
0; Mismatches 2; Indels
                                                                                                           75.6%; Score 34; DB 15; Length 61;
100.0%; Pred. No. 19;
7ative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                        Sequence 319, Application US/10238075
Publication No. US20030148324A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
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85.7%;
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illarity 75.0%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Escherichia coli
US-10-238-075-319
                                                                                                                                                           6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 85.7
Matches 6; Conservative
                                             ; ORGANISM: Homo sapiens
US-10-092-154-566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Bacillus sp. US-10-120-145-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | |||||
72 NKATEYE 78
                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                              1 NNATFYF 7
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Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                     2 NATFYF 7
                                                                                                                                                                                                                                                                                                                 RESULT 5
US-10-238-075-319
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 541
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US-10-120-145-2
    LENGTH: 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
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TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
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LOCATION: (42)

COTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

US-10-106-698-5152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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publication No. US20030054375A1

GENERAL INFORMATION:

APPLICANT: ROSEN et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC009C1

CURRENT APPLICATION UNBER: US/10/092,154

CURRENT FILIG DATE: 2002-03-07

NUMBER OF SEQ ID NOS: 2003

FILO Application removed - See File Wrapper or Palm

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC009
CURRENT APPLICATION NUMBER: US/09/764,847
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 2003
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 61;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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Pred. No. 13;
0; Mismatches 1.
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Pred. No. 19;
0; Mismatches 0;
                                    CURRENT APPLICATION NUMBER: US/10/106,698
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: PCT/US00/26524
PRIOR FILING DATE: 2000-09-28
PRIOR FILING DATE: 1999-09-29
PRIOR FILING DATE: 1999-09-29
PRIOR FILING DATE: 1999-01-03
NUMBER OF SEQ ID NOS: 8564
SOFTWARE: PATCHIN VET: 3.0
SOFTWARE: PATCHIN VET: 3.0
SOFTWARE: PATCHIN VET: 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 566, Application US/09764847
Patent No. US20020132767A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .;
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100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 75.6%;
Best Local Similarity 85.7%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 75.6
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-764-847-566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  22 NRATFYF 28
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38 NATFYF 43
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US-10-092-154-566
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1 NNATFYFK 8
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                    US-10-156-761-12015
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APPLICANT:
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APPLICANT:
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APPLICANT:
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APPLICANT:
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ORGANISM:
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Sequence 4, Application US/10120145

Publication No. US20030157684A1

GENERAL INFORMATION:
APPLICANT: Gefferson, Richard A.
APPLICANT: Gefferson, Richard A.
APPLICANT: Kilian, Andrzej

APPLICANT: Kilian, Andrzej

APPLICANT: Kilian, Andrzej

TITLE OF INVENTION: USES THEREOF

TITLE OF INVENTION: USES THEREOF

FILE REFERENCE: 190106 405

CURRENT FILIKO DATE: 2002-04-11

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/149,727

PRIOR FILIKO DATE: EARLIER FILIKO DATE: 1990-09

PRIOR FILIKO DATE: EARLIER FILIKO DATE: 1997-09-09

NUMBER OF SEQ ID NOS: 71

SEQ ID NO 4

SED ID NO 4

SEQ ID NO 4

SED ID NO 4

SEQ ID NO 4

SED ID NO 4

SED ID NO 4
                                                                                                                               Sequence 8, Application US/10120145

Sequence 8, Application US/10120145

Publication No. US20030157684A1

GENERAL INFORMATION:
APPLICANT: Usefferson, Richard A.
APPLICANT: Kilian, Andrzej
APPLICANT: Keese, Paul Konrad
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 190106.405
CURRENT APPLICATION NUMBER: US/10/120,145
CURRENT FILING DATE: EARLIER APPLICATION NUMBER: 09/149,727
PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-08
PRIOR FILING DATE: EARLIER FILING DATE: 1997-09-09
NUMBER OF SEQ ID NOS: 71
SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 8
SEQ ID NO 8
LENGTH: 607
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Pred. No. 1.9e+02;
0; Mismatches 2; Indels
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75.0%;
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Best Local Similarity 75.0
Matches 6; Conservative
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                        ; ORGANISM: Bacillus sp
US-10-120-145-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Bacillus sp.
1 NNATFYFK 8
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Best Local Similarity
Matches 6; Conserv
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APPLICANT: Summers, Eric
TITLE OF INNENTION: Methods for Improving Secondary Metabolite Production in Fungi
FILE REFERENCE: 109272.147
CURRENT APPLICATION NUMBER: US/09/801,368
CURRENT FILING DATE: 2000-01-03-07
PRIOR FILING DATE: 2000-01-19
PRIOR FILING DATE: 1999-10-20
NUMBER OF SEQ ID NOS: 440
SOFTWARE: 1999-10-20
NUMBER OF SEQ ID NOS: 440
SOFTWARE: DATE: 1000-118
LENGTH: 1659
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Pred. No. 1.2e+03;
1; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 33; DB 15;
Pred. No. 2.3e+02;
2; Mismatches 1
                                                      APPLICANT: IKEDA, HARUO
APPLICANT: IKEDA, HARUO
APPLICANT: ISHIKAWA, JUN
APPLICANT: ISHIKAWA, HIROSHI
APPLICANT: SHIKAWA, HIROSHI
APPLICANT: SHIRA, TADAYOSHI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: HATTORI, MASAHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
PRIOR PILLING DATE: 2001-05-30
PRIOR PILLING DATE: 2001-05-30
PRIOR FILLING DATE: 2001-05-30
PRIOR FILLING DATE: 2001-05-30
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 12115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    No. US20020128250Alman, Thea
Royer, John
Salama, Sofie
Sherman, Amir
Silva, Jeff
Sequence 12015, Application US/10156761 Publication No. US20030119018A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 118, Application US/09801368 Patent No. US20020128250A1
                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT; ORGANISM: Streptomyces avermitilis US-10-156-761-12015
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Saccharomyces cerevisiae
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75.0%;
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62.5%;
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Best Local Similarity 62...
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Madden, Kevin
Maxon, Mary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 71.1
Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Busby, Robert
APPLICANT: Cali, Brian
APPLICANT: Hecht, Peter
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93 NNRTYYFE 100
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                            Length 224;
                                                                                                                                                                                                                                                                                                                                                             1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATINE SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/729,402
FILING DATE: 04-Dec-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eberhardt, Christine D.
Gray, Patrick W.
Le Trong, Hai
Tjoelker, Larry W.
Wilder, Cheryl L.
TITLE OF INVENTION: Platelet-Activating Factor
Acetylhydrolase
                                                                                                                                                                                                                                                                                                               Score 31; DB 9; Pred. No. 2.5e+02; Pred. No. 2.5e+02; Pred. Mismatches 1
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NAME: No. US20010021379Aland, Greta I
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/32793
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2000-12-22
PRIOR PRIOR PILING DATE: 2001-02-05
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 14110
SOFTWARE: PastSEQ for Windows Version 4.0
LENGTH: 224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/318,905
FILING DATE: 06-0CT-1994
APPLICATION NUMBER: US 08/133,803
FILING DATE: 06-0CT-1993
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MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 8, Application US/09729402
Patent No. US20010021379A1
GENERAL INFORMATION:
APPLICANT: Cousens, Lawrence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (312) 474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 441 amino acids
                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 71.4%;
Matches 5; Conservative
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INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: Salmonella typhi
US-09-815-242-13997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Chicago
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28 NNSLFYF 34
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APPLICANT: Lerchi, Jens
APPLICANT: Reski, Ralf
TITLE OF INVENTION: Moss genes from Physcomitrella patens encoding proteins
TITLE OF INVENTION: involved in the regulation of cell division, growth and
FITLE OF INVENTION: biomass formation in plants
FILE REFERENCE: 0093/000009
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Pred. No. 2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Ohlsen, Kari L.
APPLICANT: 2yskind, Judith W.
APPLICANT: Rall, Daniel
APPLICANT: Trawick, John D.
APPLICANT: Trawick, John D.
APPLICANT: Yamamoto, Robert T.
APPLICANT: Yamamoto, Robert T.
APPLICANT: Ward
TITLE OF INVENTION: Identification of Essential Genes in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/768,235B
CURRENT FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: PCT/EP00/00675
PRIOR FILING DATE: 000-01-28
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin version 2.1/WordPerfect version 6.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
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CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/101,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-01-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 13997, Application US/09815242 Patent No. US20020061569A1
                                                                                                                                                               Sequence 6, Application US/09768235B; Publication No. US20030024003A1; GENERAL INFORMATION: APPLICANT: Frank, Marcus APPLICANT: Reindl, Andreas; APPLICANT: Schmidt, Ralf-Michael; APPLICANT: Freund, Annette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Physcomitrella patens
                                                                                                                                                                                                                                                                                                                                  Ehrhardt, Thomas
Bischoff, Friedrich
Renz, Andreas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           68.9%;
71.4%;
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APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari L.
APPLICANT: Zyskind, Judith W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 68.9
Best Local Similarity 71.4
Matches 5; Conservative
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73 NNHTYYF 79
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       1 NNATEYFK
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                                                                                                                                             US-09-768-235B-6
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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Query Match 68.9%;
Best Local Similarity 71.4%;
Matches 5; Conservative 5
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185 SATYYFK 191
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                                                                                                                                                                                                                                                                 Sequence 1, Application US/10161127
Publication No. US20030166225A1
GENERAL INFORMATION
GENERAL INFORMATION
TITLE OF INVENTION: LIPOPROTEIN ASSOCIATED PHOSPHOLIPASE A2
TITLE OF INVENTION: LIPOPROTEIN ASSOCIATED PHOSPHOLIPASE A2
CURRENT APPLICATION NUMBER: US/10/161,127
CURRENT FILING DATE: 2002-05-30
PRIOR FILING DATE: 2002-05-30
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 2
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Pred. No. 4.9e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: Illinois
STATE: Illinois
COUNTRY: United States of America
ZIP: 6060-6357
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: THE PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/10/003,978A
FILING DATE: 23-0Ct-2001
CLASSIFICATION: 
    CLASSIFICATION: 
            CLASSIFICATION: 
            CLASSIFICATION: 
            CLASSIFICATION: 
            CORRES

                                          Score 31; DB 9; Length 441; Pred. No. 4.9e+02; 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, Gerstein & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 8, Application US/10003978A
Publication No. US20030072747A1
GENERAL INFORMATION:
APPLICANT: COURSES, Lawrence S.
Gray, Patrick W.
Le Trong, Hai
Tjoelker, Larry W.
Wilder, Cheryl W.
Wilder, Cheryl W.
                                                                                    2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA: APPLICATION NUMBER: US 09/729,402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Acetylhydrolase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 68.9%;
Best Local Similarity 71.4%;
Matches 5; Conservative 3
                                       Query Match 68.9%;
Best Local Similarity 71.4%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SEQ ID NO 1 | LENGTH: 441 | TYPE: PRT | CORGANISM: HOMO Sapiens US-10-161-127-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              :||:|||
185 SATYYFK 191
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185 SATYYFK 191
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US-09-729-402-8
                                                                                                                                                                                                                                    RESULT 14
US-10-161-127-1
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Score 31; DB 15; Length 441;
Pred. No. 4.9e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                     NAME: NO. US20030072747Aland, Greta E. REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/31792
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEPHONE: (312) 474-6300
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
APPLICATION NUMBER: US 09/577,758
FILING DATE: 23-MAY-2000
APPLICATION NUMBER: US 09/010,715
FILING DATE: 22-JAN-1998
APPLICATION NUMBER: US 08/480,658
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/318,905
FILING DATE: 06-OCT-1994
APPLICATION NUMBER: US 08/313,803
FILING DATE: 06-OCT-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 441 amino acids TYPE: amino acid
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Search completed: September 25, 2003, 12:14:12 Job time: 63 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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OM protein - protein search, using sw model

September 25, 2003, 12:05:32; Search time 10.2778 Seconds (without alignments) 82.335 Million cell updates/sec Run on:

SEQ1-SEQ3 101

Title: Perfect score: Sequence:

1 NNATFYFKIDNVKKARVQVV 20

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

328717 seqs, 42310858 residues Searched: Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

/cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:* Issued_Patents_AA: Database

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 1, Appli	Ţ	15,	3, 1	2,	7	ω,	6	Sequence 9, Appli	'n	٦,	'n,	14,	12,	2, .	7	7	8	10,	8, 1	10,	2, 4	Sequence 2924, Ap	3, Apr	4	4	4,
ID	US-08-193-114B-1	PCT-US92-06809-1	US-08-676-242-15	-257-	.08	US-09-019-485-2	US-09-019-485-3	US-09-431-480-9	US-09-617-302-9	US-09-528-436B-2	US-08-791-522-1	÷	US-09-775-932-14	US-09-775-932-12	PCT-US95-07135-2	US-08-461-030C-2	US-08-744-138-2	-431-	-431-480-	-617-	9-617-	-241-	US-09-134-001C-2924	US-08-911-321-3	US-08-726-525-4	US-08-487-942-4	US-08-726-036A-4
DB	-	S	m	4	7	m	m	ю	m	4	7	m	4	4	S	7	m	٣	ო	٣	m	4	4	m	7	~	7
% Query Match Length DB	117	117	26	15	145	145	145	145	145	145	178	178	121	128	148	149	149	149	149	149	149	149	164	179	320	320	320
% Query Match	100.0	100.0	94.1	66.3	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	39.6	•	39.6	39.6	39.6	39.6	σ	39.6	o.	ď,	39.6	39.6	39.1	39.1	39.1
Score	101	101	95	67	40.5	40.5	40.5	40.5	40.5	40.5		40.5	40	40	40	40	40	40	40	40	40		40	40	39.5	39.5	39.5
Result No.	1	7	٣	4	S	9	7	80	σ	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		26	27

Sequence 4, A	36 Sequence 36,	3 Sequence 3, 1	Sequence 2,	52-737-64 Sequence 64, App.	Sequence 21,		33-432-21 Sequence 21, App.	Sequence 8, A	Sequence 12,	Sequence 12,	US-08-459-657-12 Sequence 12, App	50-132-12 Sequence 12, App.	56-465-4 Sequence 4, Appl.	ocr-US92-02050-12 Sequence 12, App.	5 Patent No. 9	-4 Patent No. 522339	-6 Patent No. 522339	
US-09-083-516-4	us-08-25	0S-08-76	US-08-766-014-	US-09-562-3	US-08-361-920-	US-08-47	US-08-48	US-08-32	US-07-94	US-08-45	US-08-45	US-08-46	US-08-466-465-4	PCT-US92	5185441-36	5223394-4	5223394-6	
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320	358	809	872	503	514	514	514	222	240	240	240	240	240	240	240	240	240	
39.1	39.1	39.1	39.1	38.6	38.1	38.1	38.1	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	
39.5	39.5	39.5	39.5	39	38.5	38.5	38.5	38	38	38	38	38	38	38	38	38	38	
28	59	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	

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APPLICANT: Schmaler, Alvin H.
APPLICANT: Schmaler, Alvin H.
APPLICANT: Jiang, Yongping
TITLE OF INVENTION: Modulation of Blood
TITLE OF INVENTION: With Kininogen Fragment
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seidel, Gonda, Lavorgna &
ADDRESSEE: Monaco, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 117;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Application
APPLICATION NUMBER: Serial No. 5472945 07/744,545
FILING DATE: 13 August 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 101; DB 1;
100.0%; Pred. No. 3.6e-09;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Monaco, Daniel A.
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 6056-137 C11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-8383
                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: Worlderfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/193,114B
FILING DATE: 9 February 1994
                                                                                                                                                                                                                                                                                                1800 Two Penn Center Plaza
Sequence 1, Application US/08193114B
Patent No. 5472945
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (215) 568-8383
TELEFAX: (215) 568-8383
TELEFX: (0.25) 568-5549
TELEFX: (0.25) 568-5549
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.0
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                              STREET: 1800 Two Per
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                Pennsylvania
: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                          19102
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Gaps

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Indels

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EARLIER APPLICATION NUMBER: 60/000,096
EARLIER FILING DATE: 1995-06-09
EARLIER APPLICATION NUMBER: PCT/US96/09940
EARLIER FILING DATE: 1996-06-07
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                             2 NATFYFKIDNVKKARVQVV 20
                                                                                                                                                                                                                                                                                                                                                                                                    1 NATEYEKIDNVKKARVQVV 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: NI, JIAN
APPLICANT: LI, HAODONG
APPLICANT: YU, GUO-LIANG
APPLICANT: GENTZ, REINER L
TITLE OF INVENTION: HUMAN CY,
NUMBER OF SEQUENCES: 11
                                                                                                                   SEQ ID NO 15
LEWTH: 26
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  7 FKIDNVKKARVQVV 20
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                                                                                                                                                                                                                                                                                                                                         19; Conservative
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Best Local Similarity
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 6507788 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Patent No. 6507788
US-09-257-525A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 4
US-09-257-525A-3
                                                                                                                                                                                                                                                            US-08-676-242-15
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LENGTH: 15
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                                                                                                                                                                                                   FEATURE
                                                                                                                                                                                                                                                                                                                                       Matches
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Sequence 15, Application US/08676242C
GENERAL INFORMATION:
APPLICANT: The Regents of the University of Michigan
APPLICANT: Schmater, Almad A.K.
TITLE OF INVENTION: Bradykinin Analogs As Selective Thrombin Inhibitors
FILE REPERBERCE: 8820-2 US
CURRENT APPLICATION NUMBER: US/08/676,242C
CURRENT FILING DATE: 2000-07-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                      APPLICANT: Schmaier, Alvin H.
APPLICANT: Schmaier, Alvin H.
APPLICANT: Jiang, Yongping
TITLE OF INVENTION: Modulation of Blood
TITLE OF SEQUENCES: 2
CORRESPONDENCE ADDRESS: 2
ADDRESSEE: Temple University - Of the
ADDRESSEE: Commonwealth System of Higher Education
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 117;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
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Pred. No. 3.6e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SCENARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06809
FILING DATE: 19910813
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 0.S. Application
APPLICATION NUMBER: Serial No. 744,545
FILING DATE: 13 August 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Monaco, Daniel A. REGISTRATION NUMBER: 30,480
REFERENCE/DOOKET NUMBER: 6056-137
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                 STREET: 406 University Services
STREET: Building
CITY: Philadelphia
STATE: Pennsylvania
                                                                                                                                                        Sequence 1, Application PC/TUS9206809 GENERAL INFORMATION:
                      NNATEYFKIDNVKKARVQVV 20
                                        30 NNATFYFKIDNVKKARVQVV 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             30 NNATFYFKIDNVKKARVQVV 49
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AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (215) 568-5549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best_Local Similarity 100.
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PS/2
OPERATING SYSTEM: N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                      U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                   19122
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                                                                                                                                      PCT-US92-06809-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PCT-US92-06809-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
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```
APPLICANT: CAMERA Y FERRAR, JOSE ANTONIO
APPLICANT: CAMERA Y FERRAR, JOSE ANTONIO
APPLICANT: THURIEZU, CHRISOPHE ALAIN
APPLICANT: THURIEZU, JEAN
APPLICANT: BERGE, GILBERT
APPLICANT: GOZE, CATHERINE
TITLE OF INVENTION: RATIONAL SELECTION OF PUTATIVE PEPTIDES FROM IDENTIFIED NUCL
FILE REFERENCE: 6208-0004 (58767-000002)
CURRENT APPLICATION NUMBER: US/09/257,525A
CURRENT FILING DATE: 1999-02-25
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PATENTIN VERSION 3.0
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OTHER INFORMATION: Description of Artificial Sequence: Bradykinin OTHER INFORMATION: analog
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                                                                                                     Length 26;
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                                                                                                                                                           Indels
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                                                                                                     94.1%; Score 95; DB 3; L 100.0%; Pred. No. 6.8e-09;
                                                                                                                                                        0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/08832535; Patent No. 591968 General INFORMATION: GENERAL INFORMATION: APPLICANT: NI, JIAN
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APPLICATION NUMBER: US/09/019,485
FILING DATE:
                                                                                                                              Score 40.5; D
Pred. No. 25;
3; Mismatches
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Best Local Similarity 43.5%; Pred. No. 25;
Matches 10; Conservative 3; Mismatches
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STREET: 9410 Key West Avenue
CITY: Rockville
                                                                                                                                                                                                                                            61 NNCTNDMFLEKESRITRALVQIV 83
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Li, Haodong
APPLICANT: Yu, Guo-Liang
APPLICANT: Gentz, Reiner
APPLICANT: Git Jian
TITLE OF INVENTION: Cystatin F
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                  Sequence 3, Application US/09019485 Patent No. 606617 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 9, Application US/09431480; Patent No. 6235/08
GENERL INFORMATION:
GENERL INFORMATION:
APPLICANT: HOLloway, James L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: BEAGON, ROBERT H.
REGISTRATION NUMBER: 30,446
REFERENCE/DOCKET NUMBER: PF?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION TELEPHONE: 3013098504 TELEFRAX: 3013098439
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
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TYPE: amino acid
STRANDEDNESS: Single
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                              Query Match 40.1%;
Best Local Similarity 43.5%;
Matches 10; Conservative
; LENGTH: 145 amino acids
; TYPE: amino acid
TOPOLOGY: .linear
; MOLECULE TYPE: protein
US-09-019-485-2
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COUNTRY:
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                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/832,535
FILING DATE: 03-APR-1997
CLASSIFICATION: 435
ATTONNEY/AGENT INPORMATION:
NAME: KINBALL, PAUL C
REGISTRATION NUMBER: 34,610
REFERENCE/DOCKET NUMBER: 34,610
REFERENCE/DOCKET NUMBER: 34,610
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 1700
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CRRARACTERISTICS:
LENGTH: 145 amino acids
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/019,485
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Best Local Similarity 43.5%; Pred. No. 25;
Matches 10; Conservative 3; Mismatches
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Sequence 2, Application US/09019485
Patent No. 6066617
GENERAL INFORMATION:
APPLICANT: Li, Haodong
APPLICANT: Vu, Guo-Liang
APPLICANT: Yu, Guo-Liang
APPLICANT: Gentz, Reiner
APPLICANT: Ni, Jian
TITLE OF INVENTION: Cystatin F
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PF265P1
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NAME: BENSON; RODERT H.
REGISTRATION NUMBER: 30,446
REFERENCE/DOCKET NUMBER: PF26:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 3013098504
TELEPAX: 3013098439
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : 145 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: protein US-08-832-535-2
                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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CITY: ROCKVILLE
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                                                                20850
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                                            COUNTRY:
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Length 178;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/791,522
FILING DATE: Filed Herewith
CLASSIFICATION DATA:
APPLICATION DATA:
PRIOR APPLICATION DATA:
FILING DATE:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Bandman, Olga
APPLICANT: GOLI, Surya K
TITLE OF INVENTION: NOVEL HUMAN CYSTATIN-LIKE
TITLE OF INVENTION: PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 40.5; DB Pred. No. 31; 3; Mismatches
                                                                                                                                                                                                                                                                         3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: Incyte Pharmaceuticals, Inc 3174 Porter Drive
                                                                                                                                                                                                                              Score 40.5;
Pred. No. 25
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PRIOR FILING DATE: 1999-04-03
PRIOR APPLICATION NUMBER: 60/014,795
PRIOR FILING DATE: 1996-04-03
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/08791522
Patent No. 5935817
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEPHONE: 415-845-4166
                                                                                                                                                                                                                              Query Match
Best Local Similarity 43.5%;
Matches 10; Conservative
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Best Local Similarity 43.5%;
Matches 10; Conservative
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Diskett
                                                                                                                                                                    ; ORGANISM: Homo sapiens US-09-528-4368-2
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94304
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CLONE: 30443
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                                                                                                                             LENGTH: 145
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US-08-791-522-1
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APPLICANT: HOLLOway, James L.
APPLICANT: Feldhaus, Andrew
TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T
FILE REFERENCE: 98-72 C1
                   TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T
                                                                                                                                                                                                                                                                                                                                                                                                  3;
                                                                                                                                                                                                                                                                                                                                                           Length 145;
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CURRENT FILING DATE: 2000-07-17
PRIOR APPLICATION NUMBER: 09/431,480
PRIOR FILING DATE: 1999-11-01
PRIOR PELING DATE: 1999-11-01
PRIOR PELING DATE: 1998-11-20
PRIOR PELING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: 60/156,382
PRIOR FILING DATE: 1999-09-28
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 3.0
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APPLICANT: Li, et al.
TITLE OF INVENTION: Human Cystatin F
FILE REFERENCE: PF265F1D1
CURRENT APPLICATION NUMBER: US/09/528,436B
CURRENT FILING DATE: 2000-03-17
PRIOR FLIING DATE: 1998-01-29
PRIOR PLING DATE: 1998-01-29
PRIOR APPLICATION NUMBER: 08/832,535
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Best Local Similarity 43.5%; Pred. No. 25;
Matches 10; Conservative 3; Mismatches
                                    FILE REFERENCE: 98-72
CURRENT APPLICATION NUMBER: US/09/431,480
CURRENT FILING DATE: 1999-11-01
EARLIER APPLICATION NUMBER: 60/109,217
EARLIER FILING DATE: 1998-11-20
EARLIER FILING DATE: 1999-09-28
NUMBER: OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-617-302-9; Sequence 9, Application US/09617302; Patent No. 6245529
                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 43.5%;
Matches 10; Conservative
  APPLICANT: Feldhaus, Andrew
                                                                                                                                                                                                                                                                     TYPE: PRT
CORGANISM: Homo sapiens
US-09-431-480-9
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; ORGANISM: Homo sapiens
US-09-617-302-9
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US-09-528-436B-2
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                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: University of British Columbia TITLE OF INVENTION: Production and use of Modified Cystatins FILE PREFERENCE: 58069 FILE REFERENCE: 58069 CURRENT APPLICATION NUMBER: US/09/775,932 CURRENT FILING DATE: 2001-02-02 PRIOR APPLICATION NUMBER: CA99/00717 PRIOR APPLICATION NUMBER: 60/095,503 PRIOR FILING DATE: 1999-08-05 NUMBER OF SEQ ID NOS: 32 SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                39.6%; Score 40; DB 4; Length 128; 35.0%; Pred. No. 26; tive 8; Mismatches 5; Indels
                                                                                                                        Length 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NATH:
PETLING DATE: 05-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN, ADDRESSEE: CECCHI, STUART & OLSTEIN STREET: 6 Becker Farm Road
                                                                                                                                                                      8; Mismatches
                                                                                                                          Score 40;
Pred. No. 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HUMAN CYSTATIN E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2, Application PC/TUS9507135
GENERAL INFORMATION:
APPLICANT: Ni, Jiang
APPLICANT: Yu, Guo-Liang
APPLICANT: Rosen, Craig
TITLE OF INVENTION: HUMAN CYSTATIN ENUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                   US-09-775-932-12; Sequence 12, Application US/09775932; Patent No. 6534477; GENERAL INFORMATION:
                                                                                                                                                                                                             1 NNATEYFKIDNVKKARVQVV 20
                                                                                                                                                                                                                                       35 SNSIXYFRDTHIIKAQSQLV 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 NNATFYFKIDNVKKARVQVV 20
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                                                                                                                            39.6%;
35.0%;
                                                                                                                        Query Match
Best Local Similarity 35.03
Matches 7; Conservative
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Best Local Similarity 35...
7; Conservative
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                                       TYPE: PRT
CORGANISM: Homo sapiens
US-09-775-932-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Homo sapiens US-09-775-932-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Pat
SEQ ID NO 12
LENGTH: 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PCT-US95-07135-2
SEQ ID NO 14
LENGTH: 121
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Patent No. 6534477

GENERAL INFORMATION:

APPLICANT: University of British Columbia

TITLE OF INVENTION:

FILE REFERENCE: 58069

CURRENT PAPLICATION NUMBER: US/09/775,932

CURRENT FILING DATE: 2001-02-02

PRIOR PILING DATE: 1999-08-05

PRIOR PLING DATE: 1999-08-05

PRIOR FILING DATE: 1999-08-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 3; Length 178;
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                                                                          Sequence 1, Application US/09314777

Patent No. 6110686

GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN CYSTATIN-LIKE
TITLE OF INVENTION: PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/314,777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 40.1%; Score 40.5; D
Best Local Similarity 43.5%; Pred. No. 31;
Matches 10; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY FAGENT INFORMATION:
NAME: B111ngs, Lucy J.
REGISTRATION NUMBER: 36,749
REPERENCY FOOM TO THE TELECOMMUNICATION INFORMATION:
TELECHONE: 415-855-055
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 83 NNCTNDMFLFKESRITRALVQIV 105
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 178 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
CLONE: 30443
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                           USA
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US-09-775-932-14
                                                           JS-09-314-777-1
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GENERAL INFORMATION:
APPLICANT: Societe de Conseils de Recherches et D'Applications Scientifiques
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; Patent No. US20020059032A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 2
US-09-935-682-3
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Sequence 376, App
Sequence 2, Appli
Sequence 197, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 28, Appli
Sequence 263, Appli
Sequence 263, Appli
Sequence 263, Appli
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Sequence 215, App
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                                                                                                             September 15, 2003, 12:13:07; Search time 16.1111 Seconds (without alignments) 187.829 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1. cqn22_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2. cqn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
3. cqqn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
3. cqn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5. cqn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6. cqn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*
7. cqn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-935-682-3
2 US-10-316-253-217
2 US-10-316-253-215
0 US-09-801-368-376
0 US-09-801-368-376
1 US-09-746-783-197
0 US-09-746-783-197
0 US-09-775-932-14
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US-10-074-475-263
US-09-925-301-947
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                                                                                                                                                                                                                                                                                                                                                            Total number of hits satisfying chosen parameters:
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                                                                                                                                                                                                                                                                                                                          566894 segs, 151307093 residues
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Published_Applications_AA:
                                                                       protein search, using sw model
                                                                                                                                                                                                                            1 NNATEYFKIDNVKKARVQVV 20
                                                                                                                                                                                                                                                                BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                  Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Match Length DB
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101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Title:
Perfect score:
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74
66
66
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40.5
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39.5
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                                                                           protein -
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                                                                                                                                                                                                                          Sequence:
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                                                                                                             Run on:
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Sequence 29, Application US/09919039
Publication No. US20030108871A1
GENERAL INFORMATION:
ABTHLEANT: Kaser, Matthew R.
TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES FILE REFERENCE: PA-0035 US
CURRENT APPLICATION NUMBER: US/09/919,039
CURRENT APPLICATION NUMBER: 60/222,113
PRIOR FILING DATE: 2000-07-28
PRIOR FILING DATE: 2000-07-28
                                                                                                                                                      Sequence 5, Appli
Sequence 7, Appli
Sequence 8, Appli
Sequence 66, Appl
Sequence 64, Appli
Sequence 64, Appli
Sequence 5152, Ap
Sequence 1540, Ap
Sequence 4, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 113, Appli
Sequence 11, Appli
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                                                               Sequence 7,
Sequence 1,
Sequence 3,
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OTHER INFORMATION: Incyte ID No. US20030108871A1 167507CD1
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100.0%; Pred. No. 3.5e-08;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                           5 US-10-149-759-66
5 US-10-149-759-66
1 US-10-181-116-43
5 US-10-043-487-8
5 US-10-043-487-8
1 US-09-766-688-5152
0 US-09-766-088-1540
US-09-796-033-4
US-09-796-033-2
US-09-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-882-227-324
US-09-778-927A-51
US-09-778-927A-50
US-09-778-927A-47
US-09-778-927A-47
                            US-09-884-319-4

US-10-38-557A-7

US-10-326-040-1

US-10-326-040-3

US-10-326-040-5

US-10-326-040-7

US-10-326-040-7

US-10-326-040-8
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   Similarity 100.
20; Conservative
NUMBER OF SEQ ID NOS: 401
SOFTWARE: PERL Program
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
US-09-919-039-29
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LENGTH: 427
\begin{matrix} \mathbf{u} & \mathbf{u} 
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Matches 2
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Pred. No. 59;
4; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                            5; Indels
                                                                                                                                                                                                                                                                                          1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION WOVEL POLINOCLEGITIES CURRENT APPLICATION NUMBER: US/09/738,626 CURRENT APPLICATION NUMBER: US/09/738,626 CURRENT FILING DATE: 1999-12-16 PRIOR PELING DATE: 1999-12-16 PRIOR PILING DATE: 2000-04-07 PRIOR FILING DATE: 2000-04-07 PRIOR FILING DATE: 2000-04-07 PRIOR APPLICATION NUMBER: JP 00/280988 NUMBER: OF SEQ ID NOS: 7059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: OZAKI, AKIO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
               CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: US 60/355,295
PRIOR FILING DATE: 2002-02-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 6055, Application US/09738626 Publication No. US20020197605A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Corynebacterium glutamicum
US-09-738-626-6055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 376, Application US/09801368
Patent No. US20020128250A1
GENERAL INFORMATION:
APPLICANT: BUSDY, Robert
                                                                                                                                                                                                                                                                                                                                                           :| |||||| |||| ||||
292 HNHIFYFKIDTVKKATSQVV 311
                                                                                                                                                                                                                                                                                                                                   1 NNATEYFKIDNVKKARVQVV 20
                                                                                                                                                                                                                                                   65.3%;
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53.8%;
                                                                              NUMBER OF SEQ ID NOS: 308
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MIZOGUCHI, HIROSHI
ANDO, SEIKO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       HAYASHI, MIKIRO
OCHIAI, KEIKO
YOKOI, HARUHIKO
TATEISHI, NAOKO
SENOH, AKIHIRO
                                                                                                                                                                                        Rattus norvegicus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: NAKAGAWA, SATOSHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |||:|:|:| |:
154 YFKVDDVEKIEVR 166
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Best Local Similarity 70.09
Matches 14; Conservative
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Best Local Similarity 53.6
مرات 7; Conservative
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Holtzman, Doug
Madden, Kevin
Maxon, Mary
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Cali, Brian
                                                                                                                                                                                    ; ORGANISM: Rati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-801-368-376
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LENGTH: 282
                                                                                                                       SEQ ID NO 215
LENGTH: 430
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT: Ferrer, Camara Y.

TITLE OF INVENTION: Rational Selection of Putative Peptides from Identified Nucleotic TITLE OF INVENTION: Peptide Sequences
FILE REFERENCE: 58767.00005
CURRENT APPLICATION NUMBER: US/09/935,682
CURRENT APPLICATION NUMBER: US/09/935,682
CURRENT APPLICATION NUMBER: 90257,525
PRIOR FILING DATE: 1999-02-25
PRIOR FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 73
SOFTWARE: Patentin version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                           Query Match 73.3%; Score 74; DB 9; Length 16; Best Local Similarity 100.0%; Pred. No. 2.1e-05; Matches 15; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5; Indels
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Publication No. US20030162706A1

GENERAL INFORMATION:
APPLICANF: The Procter & Gamble Company
APPLICANF: Thompson, Larry
APPLICANF: Thompson, Larry
APPLICANF: Greis, Kenneth
TITLE OF INVENTION: Anglogenesis Modulating Proteins
FILE REPRENCE: 8865M
CURRENT APPLICATION NUMBER: US/10/316,253
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: The Flocat a Campine Company
APPLICANT: Thompson, Larry
APPLICANT: Thompson, Larry
APPLICANT: Wang, Feng
APPLICANT: Wang, Feng
APPLICANT: Wang, Renneth
TITLE OF INVENTION: Angiogenesis Modulating Proteins
FILE REFERENCE: 8865M
CURRENT FILING DATE: 2002-12-10
FRIOR APPLICATION NUMBER: US 60/355,295
FRIOR APPLICATION NUMBER: US 60/355,295
FRIOR PILING DATE: 2002-02-08
NUMBER OF SEQ ID NOS: 308
SOFTWARE: PatentIn Version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 217, Application US/10316253
Publication No. US20030162706A1
GENERAL INFORMATION:
APPLICANT: The Procter & Gamble Company
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            :| |||||| |||| ||||
286 HNHIFYFKIDTVKKATSQVV 305
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-10-316-253-217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14; Conservative
                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 3
US-10-316-253-217
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US-10-316-253-215
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LENGTH: 16
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Gaps
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                                                                                                                                  Fechtel, Kim
FITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
ENCODING THEM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 167;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Bandman, Olga
Goli, Surya K.
TITLE OF INVENTION: PROTEIN
PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/746,783
FILING DATE: 21-Dec-2000
CLASSIFICATION: CURROWAN-
ATTORNEY/ACENT INFORMATION:

NAME: Milasincic, Debra J.

REGISTRATION NUMBER: 46,931
TELECOMMUNICATION INFORMATION:

TELEPRNE: (617) 227-7400

TELEPRNE: (617) 742-4214

INFORMATION FOR SEQ ID NO: 197:
                                                                                                                                                                                                       NUMBER OF SEQUENCES: 231
CORRESPONDENCE ADDRESSE: Genetics Institute, Inc. STREET: 87 CambridgePark Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        40.1%; Score 40.5; I
43.5%; Pred. No. 58;
tive 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STANDEDNESS: <Unknown>
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
SEQUENCE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 197:
US-09-746-783-197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  83 NNCTNDMFLFKESRITRALVQIV 105
                                                              Treacy, Maurice
Spaulding, Vikki
Agostino, Michael J.
Howes, Steven H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 NNAT---FYFKIDNVKKARVQVV 20
  McCoy, John M.
LaVallie, Edward R.
Racie, Lisa A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                             Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 167 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/09969834 Patent No. US20020102711A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A.
ZIP: 02140
COMPUTER READABLE FORM:
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Best Local Similarity 43.5
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                        CITY: Cambridge
                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: CA
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                                                                                                             APPLICANT: Summers, Eric
TITLE OF INVENTION: Methods for Improving Secondary Metabolite Production in Fungi
FILE REFERENCE: 109272.147
GURRENT APPLICATION NUMBER: US/09/801,368
CURRENT FILING DATE: 2001-03-07
PRIOR PELLOR DATE: 2000-01-19
PRIOR APPLICATION NUMBER: US 60/160,587
PRIOR FILING DATE: 1999-10-20
NUMBER OF SEQ ID NOS: 440
SUFTWARE: Patentin version 3.0
SEQ ID NO 376
LENGTH: 717
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        41.6%; Score 42; DB 10; Length 717; 11arity 40.0%; Pred. No. 1.6e+02; Conservative 5; Mismatches 7; Indels
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3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PAPLICANT: Li, et al.
TITLE OF INVENTION: Human Cystatin F
FILE REFERENCE: PF265P1D2
CURRENT APPLICATION NUMBER: US/10/329,428
CURRENT FILING DATE: 2002-12-27
PRIOR APPLICATION NUMBER: 60/014,795
PRIOR APPLICATION NUMBER: 08/832,535
PRIOR APPLICATION NUMBER: 08/832,535
PRIOR PILING DATE: 1997-04-03
PRIOR PLILING DATE: 1998-01-29
PRIOR APPLICATION NUMBER: 09/034,485
PRIOR FILING DATE: 1998-01-29
PRIOR PILING DATE: 2000-03-17
NUMBER OF SEO ID NOS: 16
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Milne, Todd
No. US20020128250Alman, Thea
Royer, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 NNAT---FYFKIDNVKKARVQVV 20
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GENERAL INFORMATION: APPLICANT: Jacobs, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Saccharomyces cerevisiae US-09-801-368-376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ||| :||| :||| :| ||:: :
255 NNAEGKLRIDNTEKDRIRQI 274
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 2, Application US/10329428; Publication No. US20030114646A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.2 SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 43.5'
Matches 10; Conservative
                                                       Salama, Sofie
Sherman, Amir
Silva, Jeff
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-746-783-197
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                                                         APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
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Gaps
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                                            APPLICANT: University of British Columbia
TITLE OF INVENTION: Production and use of Modified Cystatins
FILE REPERENCE: 58069
CURRENT APPLICATION NUMBER: US/09/775,932
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: CA99/00717
PRIOR APPLICATION NUMBER: 60/095,503
PRIOR APPLICATION NUMBER: 60/095,503
PRIOR FILING DATE: 1998-08-05
NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                                                                                                                                                                                                                                                                  Score 40; DB 10; Length 128;
Pred. No. 52;
8; Mismatches 5; Indels
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Publication No. US20030087321A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: TOMICH, Che-Shen
APPLICANT: ARVIDSON, Staffan
APPLICANT: ARVIDSON, Staffan
APPLICANT: HARRIS, Douglas
APPLICANT: MOTT, John
TITLE OF INVENTION: ANTIMICROBIAL METHODS AND MATERIALS
FILE REFERENCE: 6212.N2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6
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Pred. No. 62;
8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PAPLICATION NI ET AL.

TITLE OF INVENTION: Human Cystatin E
FILE REFERENCE: PED202102
CURRENT APPLICATION NUMBER: US/09/940,497
CURRENT FILING DATE: 2001-08-29
PRIOR APPLICATION NUMBER: US 09/241,376
PRIOR APPLICATION NUMBER: US 08/744,138
PRIOR APPLICATION NUMBER: US 08/744,138
PRIOR PILING DATE: 1996-11-05
PRIOR FILING DATE: 1996-11-05
PRIOR FILING DATE: 1995-06-05
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 NNATFYFKIDNVKKARVQVV 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/09940497 Patent No. US20020052476A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 NNATFYFKIDNVKKARVQVV 20
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Best Local Similarity 35.0%;
Matches 7; Conservative
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35.0%;
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Best Local Similarity 35.0*
      Patent No. US20020137671A1
                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Homo sapiens
US-09-775-932-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORGANISM: Homo sapiens
US-09-940-497-2
                             GENERAL INFORMATION:
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US-09-966-521-126
                                                                                                                                                                                                                                                                                     SEQ ID NO 12
LENGTH: 128
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 14, Application US/09775932

Patent No. US20020137671A1

GENERAL INFORMATION:

TITLE OF INVENTION: Production and use of Modified Cystatins

TITLE OF INVENTION: Production and use of Modified Cystatins

FILE REPERBENCE: 58069

CURRENT APPLICATION NUMBER: US/09/775,932

CURRENT FILING DATE: 2001-02-02

PRIOR FILING DATE: 1999-08-05

PRIOR FILING DATE: 1999-08-05

PRIOR FILING DATE: 1998-08-05

NUMBER OF SEQ ID NOS: 32

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5; Indels
SOFTWARE: FastSEO for Windows Version 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/969,834
FILING DATE: 01-Oct-2001
CLASSIFICATION: <UNKnown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 40; DB 10;
Pred. No. 49;
8; Mismatches 5
                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0193 US
TELECOMMUNICATION INFORMATION:
                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/471,765
FILING DATE: <UNKNOWN>
FILING DATE: <UNKNOWN>
FILING DATE: <UNKNOWN>
APPLICATION NUMBER: US/08/791,522
FILING DATE: <UNKNOWN>
APPLICATION NUMBER: 09/471,765
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 40.1%; Score 40.5; Best Local Similarity 43.5%; Pred. No. 62; Matches 10; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-969-834-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   83 NNCTNDMFLFKESRITRALVQIV 105
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US-09-775-932-12
; Sequence 12, Application US/09775932
                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 178 amino acids
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                                                                                                                                                                                                                                            FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
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Best Local Similarity 35.0%;
Matches 7; Conservative E
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US-09-775-932-14
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Fatent No. US20020052308A1
GENERAL INCORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REPRENCE: PA106
CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PT/US00/05882
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1694
SOFTWARE: PATENTIN Ver: 2.0
                                                                                                                                                                                                                                    Length 431;
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Pred. No. 1.9e+02;
3; Mismatches 5; Indels
CURRENT APPLICATION NUMBER: US/09/966,521
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 145
SOFTWARE: Patentin version 3.0
SEQ ID NO 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 263, Application US/10074475
Publication No. US20030092898A1
GENERAL INFORMATION:
APPLICANT: Salceda, Susana
APPLICANT: Macina, Roberto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         119 NNSTMKIDHFQLDNEKPMRV 138
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                                                                                                                                                                 ; ORGANISM: Staphylococcus aureus US-09-966-521-126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Macina, Roberto
APPLICANT: Hu, Ping
APPLICANT: Recipon, Herve
APPLICANT: Karra, Kalpana
APPLICANT: Cafferkey, Robert
APPLICANT: Sun, Yongming
APPLICANT: Liu, Chenghua
                                                                                                                                                                                                                                    Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                          || || || || 321 NNGDTYFRVQTIKK 334
                                                                                                                                                                                                                                                                                                                             1 NNATFYFKIDNVKK 14
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US-10-074-475-263
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US-10-074-475-263
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                                                                                                                                             TYPE: PRT
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; LENGTH: 316
; TYPE: PRT
; ORGANISH: Homo sapiens
; FEATURE:
; NAME/KRY: SITE
; LOCATION: (293)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; LOCATION: (312)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; LOCATION: (312)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-301-947

QUETY MAtch
Best Local Similarity 45.0%; Pred. No. 1.7e+02;
Matches 9; Conservative 4; Mismatches 4; Indels 3; Gaps 1;

QY 1 NNATF---YFKIDNVKRAV 17

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| Db 33 NNSTMKIDHFQLDNEKPRRV 52
Search completed: September 25, 2003, 12:25:08
JOb time: 16.1111 secs
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OM protein - protein search, using sw model

Run on: September 25, 2003, 12:05:32; Search time 16.4444 Seconds

(without alignments)

82.335 Million cell updates/sec

Title: SEQ2-SEQ1-SEQ3
Perfect score: 161
Sequence: 1 TLTHTITKLNAENNATFYFKIDNVKKARVQVV 32
Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5
Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
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5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
7 /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
7 /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
7 /cgn2_6/ptodata/1/iaa/PCKfiles1.pep:*

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Issued_Patents_AA:*

Database

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 1, Appli Sequence 1, Appli Sequence 15, Appli Sequence 16, Appl Sequence 16, Appl Sequence 16, Appl Sequence 11, Appl Sequence 12, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 9, Appli Sequence 9, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 11, Appli
ID	US-08-193-114B-1 PCT-US92-06809-1 US-08-575-525A-3 US-08-533-669A-16 US-09-183-861-16 US-09-183-861-16 US-09-183-961-16 US-09-183-926A-11 US-08-737-045-12 US-08-737-045-12 US-08-737-045-12 US-09-019-485-2 US-09-019-485-3 US-09-019-485-3 US-09-131-480-9 US-09-131-480-9 US-09-131-777-1 US-09-134-010C-2927 US-09-134-010C-2927 US-09-134-010C-2927 US-09-134-010C-2927 US-09-134-010C-2927 US-09-134-010C-2927 US-09-134-010C-2927 US-09-134-010C-2927 US-09-134-010C-2927 US-09-134-010C-2927 US-09-134-010C-2927 US-09-314-377-1 US-09-314-377-1 US-09-314-377-1 US-09-314-377-1 US-09-314-377-1 US-09-328-352-5052 US-09-338-341-19
DB (
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& Query Match Length DB	0000 0000
Score	044 040 090 090 090 090 090 090 090 090
Result No.	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

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Gaps

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Length 117; Indels

Query Match
100.0%; Score 161; DB 1;
Best Local Similarity 100.0%; Pred. No. 7.2e-15;
Matches 32; Conservative 0; Mismatches 0;

Sequence 6004, Ap Sequence 16, Appl Sequence 2918, Ap Patent No. 5266464 Sequence 33, Appl Sequence 12, Appl Sequence 12, Appl Sequence 2, Appl Sequence 2, Appl Sequence 2, Appl Sequence 8, Appl Sequence 8, Appl Sequence 8, Appl Sequence 10, Appl Sequence 10, Appl Sequence 11, Appl Sequence 12, Appl Sequence 12, Appl Sequence 12, Appl Sequence 12, Appl Sequence 2, Appl Sequence 3, A		Platelet Activation
US-09-107-532A-6004 US-08-843-530B-36 US-08-844-2-012-2918 US-08-64-13-192A-398 US-08-378-939-32 US-08-775-932-14 US-09-775-932-14 US-09-775-932-10 US-09-431-480-8 US-09-431-430-8 US-09-431-431-431-431-431-431-431-431-431-431	ALIGNMENTS	H. tion of Blood re and Inhibition of ininogen Fragment , Lavorgna & nter Plaza 18/193,114B 1994 Application al No. 5472945 07/744 991 480 6056-137 CI1 ON:
0 2 1 1 1 2 2 0 0 2 1 1 1 2 2 0 0 2 1 1 1 1		T.1 -193-114B-1 uence 1, Application US/0819311 aPELICANT: Schmaler, Alvin H. APPLICANT: Schmaler, Alvin H. APPLICANT: Jiang, Yongping TITLE OF INVENTION: With Kinin NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS: ADDRESSEE: Monaco, Pc. STREET: 1800 Two Penn Center CITY: Philadelphia STATE: Pennsylvania CITY: Philadelphia STATE: Pennsylvania COUNTRY: U.S.A. ZIP: ID102 ZIP: ID104 ZIP: ID105 ZIP: APPLICATION DATA: MEDIUM TYPE: Diskette, 3.50 COMPUTER: WEADABLE FORM: MEDIUM TYPE: Diskette, 3.50 COMPUTER: WORDPERFECT 5.1 CURRENT APPLICATION DATA: APPLICATION NUMBER: U.S. App APPLICATION NUMBER: U.S. App APPLICATION NUMBER: GOS RECISTRATION NUMBER: GOS TELECOMMUNICATION NUMBER: GOS TELECOMMUNICATION NUMBER: 30.480 RECISTRATION NUMBER: 30.480 RECISTRATION NUMBER: 30.480 REERENCE,DOCKET NUMBER: 605 TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-5349 TELEX: NO. 54729456 FORMATION FOR SED ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 117 amino acids TYPE: Deptide TUPOLOGY: linear
000000000000000000000000000000000000000		PD115CAPTION NUMBERS OF THE PERSON NUMBERS O
44 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		ULT 1 08-193-114B-1 08-193-114B-1 equence 1, Application US equence 1, Application US APPLICANT: Schmaler, A APPLICANT: Jang, Yong TITLE OF INVENTION: WINTINE OF INVENTION: WO TITLE OF INVENTION: WINTINE OF INVENTION DATA APPLICATION OF STATE: WORDPERFIELD DATA APPLICATION NUMBER: APPLICATION NUMB
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		RESULT 1 Sequence 1, Age Patent No. 547 GENERAL INFOR APPLICANT: APPLICANT: APPLICANT: APPLICANT: TITLE OF IN TOPOLOGY. IN TITLE OF IN

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1 NATFYFKIDNVKKARVQVV 19
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                                                                                                                                              TYPE: PRT ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.0
Matches 19; Conservative
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Best Local Similarity 100.
Matches 14; Conservative
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STATE: Washing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Patent No. 6507788
US-09-257-525A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-533-669A-16
                                                                                                                                                                                                                                                   US-08-676-242-15
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LENGTH: 15
                                                                                                                                                                                                                                                                                           Query Match
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GENERAL INFORMATION:
APPLICANT: The Regents of the University of Michigan
APPLICANT: Schmaier, Alvin H.
APPLICANT: Hasan, Ahmed A.K.
TITLE OF INVENTION: Bradykinin Analogs As Selective Thrombin Inhibitors
FILE REFERENCE: 8820-2 US
CURRENT APPLICATION NUMBER: US/08/676,242C
CURRENT FILING DATE: 2000-07-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                                          APPLICANT: Schadier, Alvin H.
APPLICANT: Schadier, Alvin H.
APPLICANT: Jiang, Yongping
TITLE OF INVENTION: Modulation of Blood
TITLE OF INVENTION: Pressure by Altering Bradykinin Levels
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Temple University - Of the
ADDRESSEE: Commonwealth System of Higher Education
STREET: 406 University Services
STREET: Building
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 117;
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100.0%; Score 161; DB 5;
Best Local Similarity 100.0%; Pred. No. 7.2e-15;
Matches 32; Conservative 0; Mismatches 0;
                   18 TLTHTITKLNAENNATFYFKIDNVKKARVQVV 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    18 TLTHTITKLNAENNATFYFKIDNVKKARVQVV 49
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Application
APPLICATION NUMBER: Serial No. 744,545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Wordberfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06809
FILING DATE: 19910813
                                                                                                                                          Sequence 1, Application PC/TUS9206809 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 15, Application US/08676242C Patent No. 6143719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Monaco, Daniel A. REGISTRATION NUMBER: 30,480 REFERENCE/DOCKET NUMBER: 605 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 13 August 1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (215) 568-8383
TELEFAX: (215) 568-5549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : 117 amino acids
AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                            Pennsylvania
: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                       CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
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                                                                                                  RESULT 2
PCT-US92-06809-1
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                                                                                                                                                                                                                                                                                                                                                                                                      STATE:
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GENERAL INCORMATION:
GENERAL INCORMATION:
APPLICANT: CAMARA Y FERRAR, JOSE ANTONIO
APPLICANT: THURIEAU, CHRISOPHE ALAIN
APPLICANT: THURIEAU, CHRISOPHE ALAIN
APPLICANT: GOZE, CATHERINE
APPLICANT: GOZE, CATHERINE
TITLE OF INVENTION: PEPTIDE SEQUENCES OF UNKNOWN FUNCTION
FILE REPERENCE: 6208-0004 (58767-00002)
CURRENT APPLICATION NUMBER: U$/09/257,525A
CURRENT FILING DATE: 1999-02-25
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Bradykinin
OTHER INFORMATION: analog
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Patent No. 5834592
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LEISHWANIA ANTIGENS FOR USE IN THE
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF LEISHMANIASIS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                             Length 26,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 15;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             41.6%; Score 67; DB 4; Le
100.0%; Pred. No. 0.0047;
Live 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                           Score 95; DB 3; L
Pred. No. 1.3e-06;
                                                                                                                                                                                                                                                                                                                                         EARLIER APPLICATION NUMBER: 60/000,096
EARLIER FILING DATE: 1995-06-09
EARLIER APPLICATION NUMBER: PCT/US96/09940
EARLIER FILING DATE: 1996-06-07
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
LENGTH: 26
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Gaps
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APPLICANT: Reed, Steven G.
APPLICANT: Campos-Neto, Antonio
APPLICANT: Webb, John R.
APPLICANT: Webb, John R.
APPLICANT: Dillon, Davin C.
APPLICANT: Skeiky, Yasir A.W.
TITLE OF INVENTION: LETSHMANIA ANTIGENS FOR USEIN THE THERAPY AND NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESSE: SEED and BERRY LLP
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                               ö
                                                                                                                                                                    32.3%; Score 52; DB 4; Length 701; 38.5%; Pred. No. 36;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 52; DB 4; Length 701; Pred. No. 36;
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COMPUTER READABLE FORM:
MEDLUM YTVBE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PATOMIN RC-DOS/MS-DOS
SOFTWARE: PATOMIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/022,765
FILING DATE: 12-FEB-1998
CLASSIFICATION:
                                                                                                                                                                                                               10;
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NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.420C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPAX: (206) 62-6031
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                               6; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 16, Application US/09022765 Patent No. 6375955
  INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          32.3%;
38.5%;
                                           LENGTH: 701 amino acids
TYPE: amino acid
STRANDEDNESS:
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Best Local Similarity 38.59
Matches 10; Conservative
                                                                                                                                                                                       Best Local Similarity 38.5
Matches 10; Conservative
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STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
                                                                                                             linear
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US-09-022-765-16
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US-09-183-861-16
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US-09-022-765-16
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Patent No. 6365165
GENERAL INFORMATION:
APPLICANT: Read Steven G.
APPLICANT: Webb, John R.
APPLICANT: With John R.
APPLICANT: Skeiky, Yasir A.W.
TITLE OF INVENTION: LEISHWANIA ANTIGENS FOR USEIN THE THERAPY AND NUMBER OF SEQUENCES: 877
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ;
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Pred. No. 36;
6; Mismatches 10; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/533,669A
FILING DATE: 22-SEP-1995
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/022,765
FILING DATE: 12-FEB-1998
ATTORNEY/AGBNT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.420C3
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                          ATTORNEY AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION UNDER: 31,392
REFERENCE/DOCKET NUMBER: 210121.420
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPHONE: (206) 682-6031
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 TLTHTITKLNAENNATFYFKIDNVKK 26
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/183,86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     32.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : (206) 622-4900
(206) 682-6031
                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 701 amino acids TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 38.5'
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ;
US-08-533-669A-16
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US-09-183-861-16
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Indels

10;

7; Mismatches

10; Conservative

Matches

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ADDRESSED
                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                        APPLICANT: Webb, John R.
APPLICANT: Dillon, Davin C.
APPLICANT: Skeiky, Yasir A.W.
TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF LEISHMANIASIS
FILE REFERENCE: 210121.420C5
CURRENT APPLICATION NUMBER: US/09/551,974A
NUMBER OF SEQ ID NOS: 101
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16
LENGTH: 701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 2; Length 352;
                                                                                                                                                                                                                                                                                                                                                                                            ch 32.3%; Score 52; DB 4; Length 701; 1 Similarity 38.5%; Pred. No. 36; 10; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 49.5; 1
Pred. No. 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNET/AGENT INFORMATION:
NAME: KUEYGYK, Linda M.
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-155
TELECOMUNICATION INFORMATION:
TELEPHONE: (416) 364-731
TELEPRA: (416) 361-1398
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTER.STICS:
LENGTH: 352 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 TLTHTITKLNAENNATFYFKIDNVKK 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/483,926A FILING DATE: 07-JUN-1995 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-483-926A-11; Sequence 11, Application US/08483926A; Patent No. 5821227
                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Leishmania amozonensis
US-09-551-974A-16
                     Reed, Steven G.
Campos-Neto, Antonio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: BERESKIN & PARR
STREET: 40 king Street West
CITY: Toronto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      30.78;
35.78;
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COMPUTER REDABLE FORM:
MEDIUM TYPE: Flon...
COMPUTER
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APPLICANT: Dennis,
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                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: Ontario
COUNTRY: Canada
GENERAL INFORMATION:
APPLICANT: Reed, S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Rat
US-08-483-926A-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 9
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                                                                                                                                        Sequence 12, Application US/08737045A

Sequence 12, Application US/08737045A

Patent No. 5981483

GENERAL INDEMARION:
APPLICANT: Dennis, James W.
APPLICANT: Dennis, James W.
APPLICANT: Dennis, Jamia Hospital Corporation
APPLICANT: Mount Sinai Hospital Corporation
APPLICANT: Mount Sinai Hospital Corporation
TITLE OF INVENTION: COMPOSITIONS COMPRISING MODULATORS OF CYTOKINES OF THE
TITLE OF INVENTION: COMPOSITION (AS AMENDED)
FILE REPERBNCE: 7933.94108NO
CURRENT APPLICATION NUMBER: US/08/737,045A
CURRENT FILING DATE: 1997-03-20
NUMBER OF SEQ ID NOS: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           7;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Description of Unknown Organism:Rat
US-08-737-045-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            30.7%; Score 49.5; DE 35.7%; Pred. No. 37; Ative 7; Mismatches
                        ADDRESSEE: HUMAN GENOME SCIENCES, INC. STREET: 9410 KEY WEST AVENUE CITY: ROCKVILLE
1 TLTHTITKLNAENNATFYFKIDNVKKAR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 TLTHTITKLNAENNATFYFKIDNVKKAR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HUMAN CYSTATIN F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/832,535
FILING DATE: 03-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 03-APR-1997
CLASSIFICATION: 435
ATORNEY/AGENT INFORMATION:
NAME: KIMBALL, PAUL C.
REGISTRATION NUMBER: 34,610
REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application US/08832535
Patent No. 5919658
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: NI, JIAN
APPLICANT: LI, HAODONG
APPLICANT: VU, GUO-LIANG
APPLICANT: GENTZ, REINER L
TITLE OF INVENTION: HUMAN CY.
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (201) 994-1700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 30.7%
Best Local Similarity 35.7%
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: HUMAN GEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: NI, JI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ns
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COUNTRY: US
ZIP: 20850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE:
                                                                                                                               US-08-737-045-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 12
LENGTH: 352
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US-08-832-535-2
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GENERAL INCORNATION:
APPLICANT: Holloway, James L.
APPLICANT: Holloway, James L.
APPLICANT: Feddhaus, Andrew
TITLE CAMT: Feddhaus, Andrew
TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T
FILE REFERENCE: 98-72
CURRENT APPLICATION NUMBER: 05/109,217
EARLIER APPLICATION NUMBER: 60/109,217
EARLIER FILING DATE: 1998-11-20
EARLIER FILING DATE: 1999-09-28
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 3; Length 145;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 145;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PATENTIN Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/019,485 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 48; DB 3;
Pred. No. 22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4 HTITKLNAENNATFYFKIDNVKKARVQVV 32
                                                                                                                                                3: Human Genome Sciences, Inc. 9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    29.8%; Score 48; 34.5%; Pred. No. 2
                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Benson, Robert H.
REGISTRATION NUMBER: 30,446
REFERENCE/POCKET NUMBER: PF26591
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-431-480-9; Sequence 9, Application US/09431480; Patent No. 6235708
                                  APPLICANT: Yu, Guo-Liang
APPLICANT: Gentz, Reiner
APPLICANT: Ni, Jian
TITLE OF INVENTION: Cystatin F
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 3013098504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS: LENGTH: 145 amino acids TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            29.8%;
34.5%;
                  Li, Haodong
Yu, Guo-Liang
Gentz, Reiner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 29.8%
Best Local Similarity 34.5%
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
                                                                                                                                                                                                                                            ZIP: 20850
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; LENGTH: 145
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-431-480-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
                                                                                                                                                                        STREET: 9410 Key
CITY: Rockville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
GENERAL INFORMATION:
APPLICANT: Li, Ha
                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                              ns
                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-019-485-3
                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                              STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEO ID NO 9
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                                                                                                                                                                    Query Match 29.8%; Score 48; DB 2; Length 145; Best Local Similarity 34.5%; Pred. No. 22; Matches 10; Conservative 6; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 29.8%; Score 48; DB 3; Length 145; Best Local Similarity 34.5%; Pred. No. 22; Matches 10; Conservative 6; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/019,485
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 HIITKINAENNATFYFKIDNVKKARVOVV 32
                                                                                                                                                                                                                                                4 HTITKLNAENNATFYFKIDNVKKARVQVV 32
                                                                                                                                                                                                                                                                    SS YSVEKFUNCTNDMFLFKESRITRALVOIV 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Human Genome Sciences, Inc. STREET: 9410 Key West Avenue CITY: Rockville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Benson, Robert H.
REGISTRATION NUMBER: 30,446
REFRERNCE/POCKER: NUMBER: PF265P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 3013098504
TELEFAX: 3013098439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Li, Haodong
APPLICANT: Yu, Guo-Liang
APPLICANT: Gentz, Reiner
APPLICANT: N. Jian
TITLE OF INVENTION: Cystatin F
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Science
                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/09019485 Patent No. 6066617 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 3, Application US/09019485
; Patent No. 6066617
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: 11-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 3013098439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
              INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                          ; MOLECULE TYPE: protein US-08-832-535-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            , MOLECULE TYPE: protein US-09-019-485-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 20850
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      a
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US-09-019-485-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                              US-09-019-485-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGIH:
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                                                                                                                                                                                                                                                                                                     RESULT 15
US-09-617-302-9
i Sequence 9, Application US/09617302
j Patent No. 6745529
i GENERAL INFORMATION:
APPLICAMT: Hollowy, James L.
APPLICAMT: Hollowy, James L.
TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T FILE REFERENCE: 99 472 cl
CURRENT APPLICATION NUMBER: US/09/617,302
FRIOR APPLICATION NUMBER: US/09/617,302
PRIOR PILING DATE: 1999-11-01
PRIOR PLILING DATE: 1999-11-10
PRIOR FILING DATE: 1999-11-20
PRIOR FILING DATE: 1999-10-28
FRIOR FILING DATE: 1999-09-28
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 9
LEAST FACTOR OF THE TESTICA SPECIAL SPECIA
              Gaps
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29.8%; Score 48; DB 3; Length 145;
Best Local Similarity 34.5%; Pred. No. 22;
Matches 10; Conservative 6; Mismatches 13; Indels
    13; Indels
    6; Mismatches
                                                                                            4 HIITKLNAENNATFYFKIDNVKKARVQVV 32
                                                                                                                                                  4 HIITKLNAENNATFYFKIDNVKKARVQVV 32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Search completed: September 25, 2003, 12:14:58 Job time : 16.4444 secs
10; Conservative
Matches
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September 25, 2003, 12:13:07 ; Search time 25.7778 Seconds
(without alignments)
187.829 Million cell updates/sec
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                            SEQ2-SEQ1-SEQ3
161
1 TLTHTITKLNAENNATFYFKIDNVKKARVQVV 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        566894 seqs, 151307093 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Published_Applications_AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                               OM protein - protein search using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                           BLOSUM62
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Scoring table:
                                                                                                                                                                                                                                                                                                                               Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ••
                                                                                                                                                                                                                                                                                                                                                                                             Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Database
                                                                                                                                                                                             Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

/cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Description	Sequence 29, Appl	Sequence 217, App	Sequence 215, App	Sequence 3, Appli	Sequence 1290, Ap	Sequence 16, Appl	Sequence 16, Appl	Sequence 84, Appl	Sequence 86, Appl	Sequence 25, Appl	Sequence 10, Appl	Sequence 12, Appl	Sequence 28, Appl	Sequence 2, Appli	Sequence 197, App
ΩI	US-09-919-039-29	US-10-316-253-217	US-10-316-253-215	US-09-935-682-3	US-10-083-357-1290	US-09-874-923-16	US-09-991-496-16	US-10-316-253-84	US-10-316-253-86	US-10-078-958-25	US-10-078-958-10	US-10-078-958-12	US-10-012-140-28	US-10-329-428-2	US-09-746-783-197
	11	12	13	σ	15	σ	10	12	12	15	15	15	15	15	11
% Query Match Length DB	427	424	430	16	498	701	701	352	352	75	16	105	113	145	167
% Query Match	100.0	61.5	6.09	46.0	32.6	32.3	32.3	30.7	30.7	29.8	29.8	29.8	29.8	29.8	29.8
Score	161	66	98	74	52.5	52	52	49.5	49.5	48	48	48	48	48	48
Result No.	1	7	e	4	S	9	7	80	6	10	11	12	13	14	15

Sequence 1, Appli Sequence 1075, Ap Sequence 361, App Sequence 1515, Ap Sequence 1515, Ap Sequence 27, Appl Sequence 27, Appl Sequence 29, Appl Sequence 29, Appl Sequence 31, Appl Sequence 48570, A Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 398, Appl Sequence 37, Appli Sequence 14, Appli Sequence 24, Appli Sequence 24, Appli Sequence 37, Appli Sequence 14, Appli Sequence 14, Appli Sequence 14, Appli Sequence 14, Appli Sequence 14, Appli Sequence 12, Appli	Sequence 1087, Ap Sequence 1026, Ap Sequence 7966, Ap Sequence 13653, A
10 US-09-969-834-1 11 US-09-880-748-1075 10 US-09-815-242-5513 9 US-09-915-300-1515 9 US-09-815-242-15617 15 US-10-078-958-29 15 US-10-078-958-29 15 US-10-078-958-29 15 US-10-156-761-13429 9 US-09-791-961-2 15 US-10-194-975-93 9 US-09-864-761-348570 10 US-09-8132-14 14 US-10-029-120-4 14 US-10-029-120-4 14 US-10-029-130-4 15 US-10-174-693-398 15 US-10-174-693-398 16 US-10-174-693-398 17 US-10-034-621-4 18 US-10-034-621-4 19 US-09-383-387-2 10 US-09-383-387-2 10 US-09-383-387-2 11 US-10-034-621-4 12 US-10-034-621-4 13 US-09-383-387-2 14 US-10-174-693-398 15 US-10-174-693-398 16 US-10-174-693-398 17 US-09-383-387-2 18 US-09-383-387-2 19 US-09-375-932-12	17-17-17-17-17-17-17-17-17-17-17-17-17-1
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ALIGNMENTS

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Sequence 29, Application US/09919039
Publication No. US20030108871A1
GENERAL INFORMATION:
APPLICANT: Kaser, Matthew R.
TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
FILE REFERENCE: PA-0035 US
CURRENT APPLICATION UNMBER: 05/0919, 039
CURRENT FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: 60/222,113
PRIOR APPLICATION NUMBER: 60/222,113
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; OTHER INFORMATION: Incyte ID No. US20030108871A1 167507CD1
US-09-919-039-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
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100.0%; Pred. No. 2.1e-14;
Live 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 217, Application US/10316253 Publication No. US20030162706A1 Publication No. Percentage Applicant: The Procter & Gamble Company
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 401
SOFTWARE: PERL Program
SEQ ID NO 29
                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 Similarity 32; Conserv
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US-09-919-039-29
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Matches
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APPLICANT: BILLION Davin C.
APPLICANT: BLILLON Davin C.
APPLICANT: BALLia, Ajay
APPLICANT: Bhatia, Ajay
APPLICANT: Bratia, Ajay
APPLICANT: Bratia, Peter
APPLICANT: Probst, Peter
APPLICANT: Brannon, Mark
TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
TITLE OF INVENTION: LEISHMANIA AND DIAGNOSIS OF LEISHMANIASIS
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF LEISHMANIASIS
CURRENT APPLICATION NUMBER: US/09/814,923
CURRENT FILLING DATE: 2001-06-04
NUMBER OF SEQ ID NOS: 122
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 701
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; Publication No. US20030054370A1
; GENERAL INFORMATION:
; APPLICANT: Qiandong Zeng et al.
; TTTLE OF INVENTION: Systemic Discovery of New Genes; FILE REFERENCE: 032796-090
; CURRENT APPLICATION NUMBER: US/10/083,357
; CURRENT FILING DATE: 2002-02-27
; NUMBER OF SEQ ID NOS: 1346
; SEQ ID NO 1290
                                                                                                                                                                                                                                                    Query Match 46.0%; Score 74; DB 9; LA Best Local Similarity 100.0%; Pred. No. 0.00065; Matches 15; Conservative 0; Mismatches 0;
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PRIOR FILING DATE: 1999-02-25
PRIOR APPLICATION NUMBER: PCT/FR00/00460
PRIOR FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 73
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Saccharomyces cerevisiae US-10-083-357-1290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 16, Application US/09874923 Patent No. US20020081320A1
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US-09-874-923-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Reed, Steven G.
APPLICANT: Campos-Netc, Antonio
APPLICANT: Webb, John R.
                                                                                                                                                                                                                                                                                                                                                                    1 YFKIDNVKKARVQVV 15
                                                                                                                                                                                                                                                                                                                                          18 YFKIDNVKKARVQVV 32
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US-09-935-682-3
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Best Local Similarity
Matches 12; Conserv
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US-10-083-357-1290
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                                                                                                               SEQ ID NO 3
LENGTH: 16
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                                                                                                                                                              TYPE: PRT
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APPLICANT: Ferrer, Camara Y
TITLE DE INVENTION: Rational Selection of Putative Peptides from Identified Nucleotid
TITLE DE INVENTION: Peptide Sequences
FILE REFERENCE: 58767.00005
CURRENT APPLICATION NUMBER: 105/09/935,682
CURRENT FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: 09/257,525
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                                                                                                                                                                                                                                                                                                                                                                                                           Length 424;
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64.5%; Pred. No. 8.4e-06;
Live 4; Mismatches 7; Indels
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Pred. No. 1.2e-05;
4; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Peters, Kevin
APPLICANT: Thompson, Larry
APPLICANT: Thompson, Larry
APPLICANT: Greis, Kenneth
TITLE OF INVENTION: Anglogenesis Modulating Proteins
FILE REPERENCE: 8665M
CURRENT APPLICATION NUMBER: US/10/316,253
CURRENT FILING DATE: 2002-12-10
PRIOR FILING DATE: 2002-02-08
                       APPLICANT: Thompson, Larry
APPLICANT: Wang, Fens
APPLICANT: Greis, Kenneth
TITLE OF INVENTION: Angiogenesis Modulating Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 LTHTITKLNAENNATFYFKIDNVKKARVQVV 32
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                                                                                                      FILE REFERENCE: 8865M
CURRENT APPLICATION NUMBER: US/10/316,253
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: US 60/355,295
PRIOR FILING DATE: 2002-0-08
NUMBER OF SEQ ID NOS: 308
SEQ ID NO 217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 215, Application US/10316253 Publication No. US20030162706A1 GENERAL INFORMATION:
APPLICANT: The Procter & Gamble Company
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 3, Application US/09935682
Patent No. US20020059032A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ch 60.9%;
| Similarity 64.5%;
20; Conservative 4
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SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Rattus norvegicus
US-10-316-253-217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Rattus norvegicus
                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 61.5
Best Local Similarity 64.5
Matches 20; Conservative
  Peters, Kevin
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Best Local Similarity
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US-09-935-682-3
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LENGTH: 430
  APPLICANT:
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Sequence 2.5.0 Application US/10078958

Sequence 2.5. Application No. US2003007018541

GENERAL INFORMATION:
APPLICANT: JAKOBOVITS, AYA

APPLICANT: KLAPHOLZ, SUSAN
APPLICANT: KLAPHOLZ, SUSAN
APPLICANT: MENDEZ, MICHAEL J.
APPLICANT: MENDEZ, MICHAEL J.
APPLICANT: MENDEZ, MICHAEL J.
APPLICANT: MENDEZ, MICHAEL J.
TITLE OF INVENTION: PLURAL VANO
TITLE OF INVENTION: PLURAL VANO
TITLE OF INVENTION: THERFROM
TITLE OF INVENTION: THERFROM
TITLE OF INVENTION: THERFROM
CURRENT APPLICATION NUMBER: US/10/078,958
CURRENT FILING DATE: 1090-12-03
NUMBER OF SEQ ID NOS: 79
SOFTWARE: PATCH VET. 125
LENGTH: 75
LENGTH: 75
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                 APPLICANT: The Procter & Gamble Company
APPLICANT: The Procter & Gamble Company
APPLICANT: Thompson, Larry
APPLICANT: Thompson, Larry
APPLICANT: Greis, Kenneth
TITLE OF INVENTION: Anglogenesis Modulating Proteins
FILE REFERENCE: 86624
CURRENT APPLICATION NUMBER: US/10/316,253
CURRENT APPLICATION NUMBER: US 60/355,295
PRIOR APPLICATION NUMBER: US 60/355,295
PRIOR APPLICATION NUMBER: US 60/355,295
NUMBER OF SEQ ID NOS: 308
SOFTWARE: Patentin Version 3.1
LENGTH: 352
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                                        1 TLTHTITKLNAENNATFYFKIDNVKKAR 28
           1 TLTHTITKLNAENNATFYFKIDNVKKAR 28
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                                                                                                                                                       Sequence 86, Application US/10316253; Publication No. US20030162706A1; GENERAL INFORMATION:
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milarity 35.7%;
Conservative 7
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ORGANISM: Homo sapiens
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Matches 10; Conserva
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Matches 10; Conserv
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US-10-316-253-86
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        32.3%; Score 52; DB 9; Length 701; 38.5%; Pred. No. 50; Live 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: PLOSE, PECET
APPLICANT: Brannon, Mark
TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF LEISHMANIASIS
FILE REFERENCE: 210121.420C9
CURRENT PAPLICATION NUMBER: US/09/991,496
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 137
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16
LEIGHT 701
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APPLICANT: Peters, Kevin
APPLICANT: Prompson, Larry
APPLICANT: Thompson, Larry
APPLICANT: William Caris, Kenneth
TITLE OF INVENTION: Anglogenesis Modulating Proteins
FILE REPERENCE: 8865M
CURRENT APPLICATION NUMBER: US/10/316,253
CURRENT FILING DATE: 2002-12-10
PRIOR FILING DATE: 2002-02-08
NUMBER OF SEQ ID NOS: 308
SOFTWARE: Patentin Version 3.1
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Pred. No. 52;
7; Mismatches 10;
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                                                                                           1 TLTHTITKLNAENNATFYFKIDNVKK 26
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Publication No. US20030162706A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                          Sequence 16, Application US/09991496
Patent No. US20020169285A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Leishmania amozonensis
US-09-991-496-16
                                                                                                                                                                                                                                                                                                          APPLICANT: Reed, Steven G.
APPLICANT: Campos-Neto, Antonio
APPLICANT: Webb, John R.
                                                                                                                                                                                                                                                                                                                                                                    Dillon, Davin C.
Skeiky, Yasir A.W.
Bhatia, Ajay
Coler, Rhea
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Best Local Similarity 35.7%;
Matches 10; Conservative
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Ouery Match
Best Local Similarity 38.55
Matches 10; Conservative
                                                                                                                                                                                                                     US-09-991-496-16
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APPLICANT:
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Publication No. US20030009017A1 GENERAL INFORMATION:
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US-09-746-783-197
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US-10-329-428-2
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APPLICANT: JAKOBOVITS, AYA
APPLICANT: KUCHERLAPATI, RAJU
APPLICANT: KUCHERLAPATI, RAJU
APPLICANT: MENDEZ, MICHAEL J.
APPLICANT: MENDEZ, MICHAEL J.
TITLE OF INVENTION: TRANSCENIC MAMMALS HAVING HUMAN IG LOCI INCLUDING
TITLE OF INVENTION: THEREFROM
TITLE OF INVENTION: THEREFROM
TITLE OF ILLING DATE: 2002-02-19
CURRENT APPLICATION NUMBER: US/10/078,958
CURRENT APPLICATION NUMBER: 08/759,620
PRIOR PILLING DATE: 1996-12-03
                                                                                                             APPLICANT: GRUCHERLAPAT, RAJU
APPLICANT: KUAPHOLZ, SUSAN
APPLICANT: KUAPHOLZ, SUSAN
APPLICANT: MENDEZ, MICHAEL J.
APPLICANT: GREEN, LARRY
TITLE OF INVENTION: TRANSGENIC MAMMALS HAVING HUMAN IG LOCI INCLUDING
TITLE OF INVENTION: THEREFORD
TITLE OF INVENTION: THEREFORD
FILE REFERENCE: CELL 4.18 CON
CURRENT PELLACION NUMBER: US/10/078,958
CURRENT FILING DATE: 1996-12-19
PRIOR FILING DATE: 1996-12-03
NUMBER OF SEQ ID NOS: 79
SOFTWARE: PATENTIN VET. 2.1
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Pred. No. 22;
5; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 48; DB 15; Length 76;
Pred. No. 15;
5; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3 THTITKLNAENNATFYFKIDNV 24
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                                   Sequence 10, Application US/10078958
Publication No. US20030070185A1
GENERAL INFORMATION:
APPLICANT: JAKOBOVITS, AYA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 12, Application US/10078958
; Publication No. US20030070185A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 28, Application US/10012140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 29.8%;
Best Local Similarity 45.5%;
Matches 10; Conservative
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Best Local Similarity 45.5%;
Matches 10; Conservative
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 105
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Homo sapiens
US-10-078-958-10
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US-10-012-140-28
                  US-10-078-958-10
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LENGTH: 76
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APPLICANT: Leiby, Kevin R.
APPLICANT: Leiby, Kevin R.
APPLICANT: Leiby, Kevin R.
APPLICANT: Caluckamann, Maria A.
TITLE GUICKAMITON: 38650, 28472, 5495, 65507, 81588, AND
TITLE OF INVENTION: 14354 METHODS AND COMPOSITIONS OF HUMAN PROTEINS AND USES;
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 381552004900
CURRENT APPLICATION NUMBER: US/10/012,140
PRIOR APPLICATION NUMBER: 60/246,772
PRIOR APPLICATION NUMBER: 60/246,772
PRIOR APPLICATION NUMBER: 60/246,772
PRIOR APPLICATION NUMBER: 60/249,185
PRIOR PILING DATE: 2000-11-08
PRIOR PILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: 60/249,185
PRIOR APPLICATION NUMBER: 60/249,185
PRIOR APPLICATION NUMBER: 60/249,185
SPORWARE: FRACEOF FOR WINDOWS VERSION 4.0
SEQ ID NOS: 49
SEQ ID NO 28
LENGTH: 113
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Consensus amino acid sequence US-10-012-140-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3 THTITKL----NAENNATFYFKIDNVKKARVQ 30
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5; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:

TITLE OF INVENTION: Human Cystatin F
FILE REFERENCE: FF265P102

CURRENT APPLICATION NUMBER: US/10/329,428

CURRENT FILING DATE: 2002-12-27

PRIOR PAPLICATION NUMBER: 06/014,795

PRIOR FILING DATE: 1996-04-03

PRIOR FILING DATE: 1997-04-03

PRIOR FILING DATE: 1997-04-03

PRIOR FILING DATE: 1997-04-03

PRIOR FILING DATE: 1998-01-29

PRIOR FILING DATE: 1998-01-29

PRIOR FILING DATE: 1998-01-29

PRIOR FILING DATE: 2000-03-17

NUMBER OF SEQ ID NOS: 16

NUMBER OF SEQ ID NOS: 16
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Best Local Similarity 34.5%;
Matches 10; Conservative 6
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ORGANISM: Artificial Sequence
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Search completed: September 25, 2003, 12:25:09 Job time : 26.7778 secs

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Title: Perfect score: Sequence:

Run on

Scoring table:

searched:

Minimum DB seq Maximum DB seq

Database

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Sequence 1, Application US/08193114B
Patent No. 5472945
GENERAL INFORMATION:
APPLICANT: Schmaier, Alvin H.
APPLICANT: Schmaier, Alvin H.
APPLICANT: Jiang, Yongping
TITLE OF INVENTION: Medulation of Blood
TITLE OF INVENTION: with Kininogen Fragment
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seidel, Gonda, Lavorgna &
ADDRESSEE: Monaco, P.C.
STREET: 1800 Two Penn Center Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: MOCHACO, P.C.
STREET: Philadelphia
STAFE: Pennsylvania
COUNTRY: Philadelphia
STAFE: Pennsylvania
COUNTRY: U.S.A.
ZIP: 19102
ZIP: 19102
ZIP: 19102
ZIP: 19102
ZIP: 19102
ZIP: 19102
ZOMPUTER: EADABLE FORM:
MEDTUM TYEE: DISACTIC, 3.50 inch, 720 Kb
COMPUTER: EADABLE FORM:
MEDTUM TYEE: DISACTIC, 3.50 inch, 720 Kb
COMPUTER: TOWARDER: WORDORFICET 5.1
COURTENT APPLICATION DATA:
APPLICATION NUMBER: US/08/193,114B
FILING DATE: 13 AUGUST 1994
PRIOR APPLICATION NUMBER: U.S. APPLICATION
APPLICATION NUMBER: SETAI NO. 5472945 07/744,545
FILING DATE: 13 AUGUST 1991
ATTORNEY/AGENT INFORMATION:
NAME: MONAGO, DATIEL A.
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 6056-137 CII
TELEPHONE: (215) 568-8383
TELEPHONE: (215) 568-8549
INFORMATION FOR SECIED NOC: 1:
                                                       US-08-477-728-58
US-08-474-040-1
US-08-474-040-16
US-08-474-040-16
US-08-487-200-16
US-08-487-200-16
US-08-487-200-16
US-08-487-200-16
US-08-477-4848-163
US-08-477-5318-49
US-08-477-5318-49
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US-08-477-5318-49
US-08-477-5318-49
US-08-68-836-163
US-08-845-836
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US-08-193-114B-1
      111, App 111, App 111, App 114, App 119, App 119, App 119, App 127, App 116, App 12, Ap
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                               September 25, 2003, 12:05:32; Search time 10.2778 Seconds (without alignments) 82.335 Million cell updates/sec
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Sequence 11
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Sequence 3
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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
                                GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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US-08 907-146-11

US-08 468-671-14

US-08-415-192A-398

US-09-615-192A-398

US-09-390-234-12

US-09-390-234-12

US-09-390-234-12

US-09-390-234-12

US-09-352-991A-27156

US-09-198-452A-822

US-09-183-66A-16

US-09-183-66A-16

US-09-183-66A-16

US-09-328-335-5904

US-08-318-55-16

US-08-318-55-16

US-08-318-66B-16

US-08-318-66B-16

US-08-318-66B-16

US-08-318-68B-16

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US-08-318-68B-16

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US-08-318-68B-16

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US-08-318-68B-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-07-747-781-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    328717 segs, 42310858 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                       OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                        SEQ2-SEQ1
105
1 TLTHTITKLNAENNATFYFK 20
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Gapop 10.0 , Gapext 0.5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              length: 0
length: 2000000000
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Match Length
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Gaps

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Indels

Ouery Match
100.0%; Score 105; DB 1;
Best Local Similarity 100.0%; Pred. No. 2.3e-08;
Matches 20; Conservative 0; Mismatches 0;

peptide

US-08-193-114B-1 TOPOLOGY:

> Sequence Sequence Seguence

PCT-US92-06888-2

43 42.5 42.5 42.5

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Score

Result No.

seguence

US-07-634-278-58

Length 117;

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ADDRESSEE: Arnold, White & Durkee STREET: P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
          STREET: F.C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TOPOLOGY:
US-08-751-359-11
                                                                              COUNTRY:
                                                         STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 4
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                                                                                                                                                                                       APPLICANT: Schmator, Alvin H.
APPLICANT: Schmator, Alvin H.
APPLICANT: Jiang, Yongping
TITLE OF INVENTION: Modulation of Blood
TITLE OF INVENTION: Pressure by Altering Bradykinin Levels
WUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Temple University - Of the
ADDRESSEE: Commonwealth System of Higher Education
STREET: 406 University Services
STREET: Building
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 11, Application US/08751359
Patent No. 614359
GENERAL INFORMATION:
GAPLICANT: Michael, Nancy M
APPLICANT: Accavitti, Marianne
APPLICANT: Thompson, Craig B
TITLE OF INVENTION: METHODS FOR THE PRODUCTION OF CHICKEN
TITLE OF INVENTION: MONOCLONAL ANTIBODIES
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb COMPUTER: IBM PS/2 COMPUTER: SEATING SYSTEM: MS-DOS OPERATING SYSTEM: MS-DOS OFFWARE: WORDPETFECT 5.1 CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06809 FILING DATE: 19910813 CLASSIFICATION S14
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. APPLICATION NUMBER: Serial No. 744,545 FILING DATE: 13 AUGUST 1991
ATTORNEY, AGENT INFORMATION:
                                                                                                                                                   Sequence 1, Application PC/TUS9206809 GENERAL INFORMATION:
                                   1 TLIHTITKLNAENNATFYFK 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Monaco, Daniel A. REGISTRATION NUMBER: 30,480
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 60
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (215) 568-8383
TELEFAX: (215) 568-5549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 117 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ouery Match 100.
Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TOPOLOGY: linear
PCT-US92-06809-1
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                                                                                                               RESULT 2
PCT-US92-06809-1
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Sequence 11, Application US/08907146

Fatent No. 6316600

GENERAL INFORMATION:
APPLICANT: Michael, Nancy M
APPLICANT: Accavitti, Marianne
APPLICANT: Thompson, Craig B

TITLE OF INVENTION: METHODS FOR THE PRODUCTION OF CHICKEN
TITLE OF INVENTION: MONOCLONAL ANTIBODIES

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee

STREET: P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 126;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Elb PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/751,359
FILING DATE: COGGUTERITY HERWITH
CLASSIFICATION: 510
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L
REGISTRATION NUMBER: 37,642
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 77210

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/907,146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 46; DB 3;
Pred. No. 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                           REFERENCE/DOCKET WUMBER: 37,642
REFERENCE/DOCKET WUMBER: ARSB:504
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CURPENAME.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L
REGISTATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: ARSB:504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/751,359
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | | | | | | : |::|| :|
86 TATLTITGVRADDNAVYY 103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 TLTHTITKLNAENNATFY 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 50.0%;
Matches 9; Conservative
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amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
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Gaps

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Lars G.
PRODUCTION OF HUMAN MONOCLONAL
ANTIBODIES SPECIFIC FOR HEPATITIS B SURFACE ANTIGEN
                                                                                                                       Score 46; DB 1; Length 128;
Pred. No. 10;
2; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: CA
COUNTRY: USA
COUNTRY: USA
ZIP: 9411-3834
COMPUTER READBLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
COMPUTER: PATENTY: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #i.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,671
FILING DATE: 06-51W-1995
FILING DATE: 06-51W-1995
FILING DATE: 06-51W-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:

APPLICANT: Ostberg, Lars G.

TITLE OF INVENTION: PRODUCTION OF HUMAN MONOCLON
TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR HEPP
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 06-UNA-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA: APPLICATION NUMBER: 08 07/871,426
FILING DATE: 14-JUN-1994
APPLICATION NUMBER: 08 07/871,426
FILING DATE: 21-APR-1992
PRIOR APPLICATION DATA: APPLICATION NUMBER: 08 07/676,036
FILING DATE: 27-WAR-1991
PRIOR APPLICATION DATA: APPLICATION NUMBER: 08 07/538,796
FILING DATE: 15-JUN-1990
PRIOR APPLICATION NUMBER: 08 07/92,754
FILING DATE: 31-0CT-1986
PRIOR APPLICATION NUMBER: 08 06/925,196
FILING DATE: 31-0CT-1986
PRIOR APPLICATION NUMBER: 08 06/925,196
FILING DATE: 105-SEP-1986
ATTORNEY AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,0CT-1986
ATTORNEY AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,0CT-1986
ATTORNEY AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,0CT-1986
ATTORNEY AGENT INFORMATION:
NAME: SMITH WILLIAM M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 11823-50-7
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                             Sequence 14, Application US/08468671 Patent No. 5648077
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (415) 326-2400
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                    | ||| | ||: ||:|
92 TLTITSLQAEDFATYY 107
                                                                                                                            43.8%;
                                                                                                                                                                                                                             3 THTITKLNAENNATFY 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     : 128 amino acids
amino acid
                                                                                                     Ouery Match
Best Local Similarity 62.5.
Local 10; Conservative
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-259-372A-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein US-08-468-671-14
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Patent No. 5565354
GENERAL INFORMATION:
APPLICANT: OStberg, Lars G.
TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR HEPATITIS B SURFACE ANTIGEN
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                           .;
0
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MEDIUM TYPE: Floppy disk
COMPUTER: TBM PC compatible
OPERATURG SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PREGENT PC-DOS/MS-DOS
SOFTWARE: PREGENT PC-DOS/MS-DOS
SOFTWARE: PREGENT NO DATA:
APPLICATION NUMBER: US/08/259,372A
FILING DATE: 14-UNN-1994
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/871,426
FILING DATE: 21-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/576,036
FILING DATE: 27-MAR-1991
RAPPLICATION NUMBER: US 07/538,796
FILING DATE: 15-UNN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/538,796
FILING DATE: 11-MAY-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/925,196
FILING DATE: 31-CAT-1986
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/925,196
FILING DATE: 31-CAT-1986
ATTORNEY/AGENT INFORMATION:
NAME: SMITCH, WILLIAM M.
RECISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11823-50-7
TELECOMMUNICATION NUMBER: 11823-50-7
TELECOMMUNICATION NUMBER: 11823-50-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco
                                                                                                                                                                                                                                                                             DB 4;
                                                                                                                                                                                                                                                                                                                         4; Mismatches
                                                                                                                                                                                                                                                                        Score 46;
Pred. No. 1
                                                                                                                                                                                                                                                                                                                                                                                                | | | | | | : |::|| :|
86 TATLTITGVRADDNAVYY 103
                         TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 11: SEQUENCE CHARACTERISTICS: LENGTH: 126 amino acids TYPE: amino acids STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                         1 TLTHTITKLNAENNATFY 18
  TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (415) 326-2400
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 50.0%;
Matches 9; Conservative
                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RY: USA
94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 5
US-08-259-372A-14
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US-08-907-146-11
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CURRENT APPLICATION DATA:
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US-09-390-234-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 9
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                                                                                                                                                                                                                                                                                                                                                               Sequence 398, Application US/09615192A

Patent No. 6410718
GENERAL INFORMATION:
APPLICANT: Bloksberg, Leonard N.
APPLICANT: Bloksberg, Leonard N.
TITLE OF INVENTION: Materials and Methods for the TITLE OF INVENTION: Modification of Plant Lignin Content; FILE REFERENCE: 11000.1003c4U
CURRENT APPLICATION NUMBER: US/09/615,192A
CURRENT FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 08/775,316
PRIOR APPLICATION NUMBER: US 08/773,000
PRIOR FILING DATE: 1996-09-11
PRIOR FILING DATE: 1906-09-11
PRIOR SEQ ID NOS: 405
SOFTWARE: FASTERQ FOR WINGOWS VERSION 3.0
FEWLYNDER OF SEQ ID NOS: 405
                       Query Match
43.8%; Score 46; DB 1; Length 128;
Best Local Similarity 62.5%; Pred. No. 10;
Matches 10; Conservative 2; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      42.9%; Score 45; DB 4; Length 103; 47.1%; Pred. No. 11; tive 4; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5; Indels
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AND RNA ENCODING THEM, HYBRID
VECTOR AND TRANSFORMED HOST AND
METHODS FOR IMMUNOTHERAPY AND
DIAGNOSIS AND KIT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Kb storage
COMPUTER: PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   POLYPEPTIDES BINDING ANTI-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: PHILLIPS, MOORE, LEMPIO & FINLEY
STREET: 385 Sherman Avenue, Suite 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Palo Alto
California
Y: United States of America
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Patent No. 5643772.

GENERAL INFORMATION:

APPLICANT: PETERSEN, CAROLYN
APPLICANT: LEECH, JAMES
APPLICANT: NELSON, RICHARD, C.
APPLICANT: OUT, JIRI
TITLE OF INVENTION: POLYPEPTIDES BI
TITLE OF INVENTION: AND RNA ENCODIN
TITLE OF INVENTION: AND RNA ENCODIN
TITLE OF INVENTION: METHODS FOR INM
TITLE OF INVENTION: METHODS FOR INM
TITLE OF INVENTION: METHODS FOR INM
TITLE OF INVENTION: DIAGNOSIS AND K
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 47.1
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
CORGANISM: Pinus radiata
US-09-615-192A-398
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SOFTWARE: Wordper
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                                                                                                                                                                                                                                                                                                                                                     US-09-615-192A-398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-415-751-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH:
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APPLICANT: Blum, David L.
APPLICANT: Blum, David L.
APPLICANT: Blum, David L.
APPLICANT: Blum, David L.
APPLICANT: Li, Xin-Liang
APPLICANT: Li, Xin-Liang
TITLE OF INVENTION: Phenolic Acid Esterases, Coding Sequences and Methods
FILE REPERENCE: 67-98
CURRENT APPLICATION NUMBER: US 60/099/136
FALLIER APPLICATION NUMBER: US 60/099/136
EARLIER PILING DATE: 1998-09-04
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
41.0%; Score 43; DB 1; Length 47;
Best Local Similarity 56.2%; Pred. No. 9.4;
Matches 9; Conservative 4; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ) NAME/KEY: Positions coded by nonsense codons are NAME/KEY: identified as Xaa. US-08-415-751-12
                                                                                                                                                                                                                                                                    480.19-2 (HHD)
APPLICATION NUMBER: US/08/415,751
FILING DATE: 03-APR-1995
CLASSIFICATION: 435
                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/071,880
FILING DATE: June 1, 1993
APPLICATION NUMBER: 07/891,301
FILING DATE: May 29, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Hana DOLEZALOVA
REGISTRATION NUMBER: 30,518
REFERENCE/DOCKET NUMBER: 480.19-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: Cryptosporidium parvum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 19, Application US/09390234 Patent No. 6365390
                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-1677
TELEFAX: (415) 324-1678
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 aming acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 LTHTITKLNAENNATF 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           :|::||:|: || || 51 VTQVNADNSVTFRYF 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6 ITKLNAENNATF-YF 19
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Best Local Similarity 53.33
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Escherichia coli
US-09-390-234-19
                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                       Sequence 16. Application US/08533669A

Sequence 16. Application US/08533669A

Patent No. 5844592

GENERAL INFORMATION:

APPLICANT: COTINA COMPORATION:

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF LEISHMANIASIS

NUMBER OF SEQUENCES: 18

NUMBER OF SEQUENCES: 18

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

CONTRY: USA

ZIP: 98104-7092

COMPUTER RADABABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBAM PC COMPATIBLE

COMPUTER: IBAM PC COMPATIBLE

COMPUTER: PARTING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATENTIN Release #1.0, Version #1.30

CURRENT APPLICATION DATE: US/08/533,669A

FILING DATE: 22-SEP-1995

CLASSIFICATION: 424
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Pred. No. 2.5e+02;
5; Mismatches 6; Indels
                                                                                                                                                      Length 644;
                                                                                                                                                        Score 42; DB 4;
Pred. No. 2.3e+02;
1; Mismatches 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 210121.420
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 16, Application US/09183861
Patent No. 6365165
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Campos Neto, Antonio
APPLICANT: Webb, John R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | | :|: || |: :|
448 TLKDYVTRMKAEQNSIYY 465
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NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
                                                                                                                                                                                                                                                                           101 LRRSINLLNRENNFTIX 117
                                                                    ; TYPE: PRT
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-822
                                                                                                                                                                                                                                                 2 LTHTITKLNAENNATFY 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                        Query Match 40.0%;
Best Local Similarity 52.9%;
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 40.0%;
Best Local Similarity 38.9%;
Matches 7; Conservative
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NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 822
LENGTH: 644
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                     US-08-533-669A-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 14
US-09-183-861-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH:
                                                                                                                                                                                                                                                                                                                                                                RESULT 13
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APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: NUCLEIC AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: NUCLEIC AND THERAPEUTICS

TITLE OF INVENTION: OF ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: ABRUGINGSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 21156

LENGTH: 503
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Sequence 812, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevering REFERENCE: 9710-003-999

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION UNDER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                          APPLICANT: Blum, David L.
APPLICANT: Kateeva, Irina
APPLICANT: Kateeva, Irina
APPLICANT: Li, Xin-Liang
APPLICANT: Li, Xin-Liang
APPLICANT: Li, Xin-Liang
APPLICANT: Li, Xin-Liang
TITLE OF INVENTION: Phenolic Acid Esterases, Coding Sequences and Methods
TITLE OF INVENTION: Phenolic Acid Esterases, Coding Sequences and Methods
CURRENT APPLICATION NUMBER: US/09/390,234
CURRENT FILING DATE: 1999-09-03
EARLIER FILING DATE: 1998-09-04
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.0
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Pred. No. 1.2e+02;
5; Mismatches 1; Indels
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Pred. No. 1.8e+02;
Sequence 22, Application US/09390234
Patent No. 6365390
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT CORGANISM: Pseudomonas aeruginosa US-09-252-991A-27156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         40.5%;
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51 VTQVNADNSVTFRYF 65
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Best Local Similarity 50.0%;
Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ||::|| : :||
186 HVITRINAYHGSTF 199
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                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Escherichia coli
US-09-390-234-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 8; Conserv
                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 22
                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
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FILING DATE: 12-FEB-1998
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US-09-022-765-16
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Sequence 16, Application US/09022765

Patent No. 637595

GENERAL INFORMATION

APPLICANT: Reed, Steven G.

APPLICANT: Reed, John R.

APPLICANT: Webb, John R.

APPLICANT: Skeiky, Masir A.W.

TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USEIN THE THERAPY AND NUMBER OF SEQUENCES: 87

CORRESPONDENCE ADDRESS:

ADDRESSE: SEED and BERRY LLP

STREET: Galo Columbia Center, 701 Fifth Avenue
CITY: Seattle

STATE: Washington

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
NUMBER OF SEQUENCES: 87

CORRESPONDENCE ADDRESS:
ADDRESSE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
STATE: Washington
CITY: Scattle
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                40.0%; Score 42; DB 4; Length 701
38.9%; Pred. No. 2.5e+02;
tive 5; Mismatches 6; Indels
                                                                                                                                                                                              ZIP: 99104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/183,861
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/09/022,765
                                                                                                                                                                                                                                                                                                                                                                             CLASSICTOM:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/022,765
FILING DATE: 12-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.420C3
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            **LLEFAX: (206) 622-4900

**TELEFAX: (206) 682-6031

INPORMATION FOR SEQ ID NO: 16:

**SEQUENCE CHARACTERISTICS:

**LENGTH: 701 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        448 TLKDYVTRMKAEQNSIYY 465
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 38.9*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TOPOLOGY: linear
US-09-183-861-16
                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-022-765-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 15
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September 25, 2003, 12:13:07 ; Search time 16.1111 Seconds
(without alignments)
187.829 Million cell updates/sec
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          566894 seqs, 151307093 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Published_Applications_AA:*
                                                                                                                             OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                               1 TLTHTITKLNAENNATFYFK 20
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                                                   SEQ2-SEQ1
105
                                                                                                                                                                                                                                                                                                                   Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                  Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Searched:
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                                                                                                                                                                                         Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

/cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:* /cgn2_6/ptodata/1/pubpaa/US09_NRMB.PUB.pep:* /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:* /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*

/cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:* /cgn2_6/ptodata/1/pubpaa/US10_NRW_PUB.pep:* /cgn2_6/ptodata/1/pubpaa/US60_NRW_PUB.pep:* /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Description	Sequence 29, Appl	Sequence 217, App	Sequence 215, App	Sequence 2, Appli	Sequence 93, Appl	Sequence 48570, A	Sequence 398, App	Sequence 37, Appl	Sequence 75, Appl	Sequence 30, Appl	Sequence 56, Appl	Sequence 4, Appli	Sequence 4, Appli	Sequence 18, Appl	Sequence 15, Appl
ID	US-09-919-039-29	US-10-316-253-217	US-10-316-253-215	US-09-383-387-2	US-10-194-975-93	US-09-864-761-48570	US-10-174-693-398	US-10-091-300-37	US-09-144-886-75	US-10-083-424-30	US-10-269-805-56	US-10-199-908-4	US-09-811-737-4	US-09-811-737-18	US-09-811-737-15
DB	11	12	12	9	15	σ	16	15	10	15	15	15	6	6	6
Query Match Length DB ID	427	424	430	17	95	102	103	101	107	108	108	111	118	253	255
Query Match	100.0	58.1	57.1	42.9	42.9	42.9	42.9	42.9	41.9	41.0	41.0	41.0	41.0	41.0	41.0
Score	105	61	9	45	45	45	45	45	44	43	43	43	43	43	43
Result No.	1	7	3	₹	S	9	7	80	6	10	11	12	13	14	15

Sequence 19, Appl Sequence 1290, Ap Sequence 204, Appl Sequence 30, Appl Sequence 91, Appl	100, 111, 13,	Sequence 15, Appl Sequence 34, Appl Sequence 35, Appl Sequence 2, Appl Sequence 12, Appl Sequence 16, Appl Sequence 16, Appl Sequence 16, Appl	Sequence 34, Appl. Sequence 12, Appl. Sequence 13, Appl. Sequence 24, Appl. Sequence 24, Appl. Sequence 24, Appl. Sequence 16, Appl. Sequence 163, Appl. Sequence 163, Appl. Sequence 163, Appl.
9 15 15	21 22 21 22 21 22 21 22 21	122	100 100 100 100 100
24 4 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9			105 106 106 106 106 107
41.0 40.5 40.0 40.0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 6 6 6 6 6 6	000000000000000000000000000000000000000	
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16 17 18 19 20	22 23 24 26 27	28 30 31 32 33 34 34	0 W W W W 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

ALIGNMEN

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Sequence 29, Application US/08919039
Publication No. US20030108871A1
Publication No. US20030108871A1
APPLICANT: Kaser, Matthew R.
TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
FILE REFERENCE: PA -0015 US
CURRENT APPLICATION UMBER: US/09/919,039
CURRENT APPLICATION NUMBER: 60/222,113
PRIOR APPLICATION NUMBER: 60/222,113
PRIOR APPLICATION NUMBER: 60/222,113
NUMBER OF SEQ ID NOS: 401
SOFTWARE: PERL PROGram
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 427;
                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20030108871A1 167507CD1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        th 100.0%; Score 105; DB 11; Similarity 100.0%; Pred. No. 8.6e-08; 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 217, Application US/10316253
; Publication No. US20030162706A1
; GENERAL TOWNSTON:
APPLIZA THE Procter & Gamble Company
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 TLTHTITKLNAENNATFYFK 20
                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Homo sapiens
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US-10-316-253-217
US-09-919-039-29
                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-919-039-29
                                                                                                                                                                                                                                                                             SEQ ID NO 29
LENGTH: 427
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Matches 2
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CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR PILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION UNMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
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1 SVTLINNENNERYYFE 16
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Best Local Similarity 56.2%;
Matches 9; Conservative 3
                                                                                                                                                                                                                                              ; ORGANISM: Helicobacter pylori
US-09-383-387-2
                                                                                                                                                                                                                                                                                                                                                                                              5 TITKLNAENNATFYFK 20
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72 TFTISSLEAEDAATYY 87
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                                                                                                                                          NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 43.8 Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Homo sapiens
US-10-194-975-93
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SEQ ID NO 93
LENGTH: 95
                                                                                                                                                              SOFTWARE:
SEQ ID NO 2
                                                                                                                                                                                                                               TYPE: PRT
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Pred. No. 0.31;
4; Mismatches 4; Indels
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                                             APPLICANT: "....", "..."

TILLE OF INVENTION: Anglogenesis Modulating Proteins
FILE REPEBENCE: 8865M
CURRENT APPLICATION NUMBER: US/10/316,253
CURRENT FILING DATE: 2002-12-10
FRIOR APPLICATION NUMBER: US 60/355,295
PRIOR APPLICATION NUMBER: US 60/355,295
NUMBER OF SEQ ID NOS: 308
SOFTWARE: Patentin version 3.1
IENGTH: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Thompson, Larry
APPLICANT: Wang, Feng
TITLE OF INVENTION: Angiogenesis Modulating Proteins
FILE REFERENCE: 8865M
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: US 60/355,295
PRIOR FILING DATE: 2002-02-08
NUMBER OF SEQ ID NOS: 308
SOFTWARE: Patentin version 3.1
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Patent No. US20020071850A1
GENERAL INFORMATION:
APPLICANT: SMITH, Christopher John
APPLICANT: CLANCY, RObert Llewellyn
APPLICANT: CRIPPS, Allan William
TITLE OF INVENTION: HELICOBACTER PYLORI ANTIGEN
FILE REFERENCE: 03035/2019
CURRENT RAPLICATION NUMBER: US/09/383,387
CURRENT FILING DATE: 1999-08-26
PRIOR APPLICATION NUMBER: US 09/165,895
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 60; DB 12
Pred. No. 0.44;
4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: The Procter & Gamble Company
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 215, Application US/10316253; Publication No. US20030162706A1
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281 LGHSIAQLNAQHNHIFYFK 299
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Best Local Similarity 57.9%;
Matches 11; Conservative 4
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57.98;
                                                                                                                                                                                                                                                                                     ; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-10-316-253-217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-10-316-253-215
                   Thompson, Larry
Wang, Feng
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Peters, Kevin
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-316-253-215
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APPLICANT:
                                       APPLICANT
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Sequence 48570
Sequence 48570, Application US/09864761
Sequence 48570, Application US/09864761
Sequence 48570, Application US/09864761
SERBRAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE DF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO.
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REFERENCE: Aeomica-X-1
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                                                                                                                                                                                                                                                                                                                                                                                     Length 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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                                                                                                                                                                                                                                                                                                                                                                                     DB 9;
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TITLE OF INVENTION: Super Humanized Antibodies
FILE REFERENCE: 501231.
CURRENT APPLICATION NUMBER: US/10/194,975
CURRENT FILING DATE: 2002-10-10
PRIOR PAPLICATION NUMBER: US 60/305,111
PRIOR FILING DATE: 2001-07-12
NUMBER OF SEO ID NOS: 122
                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
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                                                                          PCT/GB96/00351
                                                                                                                                                                                                                                                                                                                                                                                  42.9%; Score 45; 43.8%; Pred. No.
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: US 08/912,955
PRIOR FILING DATE: 1997-08-14
PRIOR APPLICATION NUMBER: PCT/GB96/00351
PRIOR PILING DATE: 1996-02-15
PRIOR APPLICATION NUMBER: GB 950 2899.9
PRIOR FILING DATE: 1995-02-15
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Publication No. US20030039649A1
GENERAL INFORMATION:
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Rockwell, Patricia

APPLICANT: Rockwell, Patricia

APPLICANT: Rockwell, Patricia

TITLE OF INVENTION: Combination Methods of Inhibiting Tumor Growth With a Vascula

TITLE OF INVENTION: Endothelial Growth Factor Receptor Antagonist

FILE REFERENCE: 11245/46211

CURRENT APPLICATION NUMBER: US/10/091,300

CURRENT FILING DATE: 2002-03-04

NUMBER OF SEQ ID NOS: 85

SOFTWARE: WordPerfect 8.0 for Windows

SEQ ID NO 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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APPLICANT: Marks, James D
APPLICANT: Marks, James D
TITLE OF INVENTION: Therapeutic Monoclonal Antibodies That Neutralize
TITLE OF INVENTION: Botulinum Neurotoxins
FILE REFERENCE: 2500.117050
CURRENT APPLICATION NUMBER: US/09/144,886
CURRENT FILING DATE: 1998-08-31
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PATENT VET. 2.0
SEQ ID NO 75
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56.2%; Pred. No. 17;
tive 3; Mismatches 4; Indels
                                                                                                                                                                               Length 103;
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                                                                                                                                                                             core 45; DB 16;
red. No. 16;
Mismatches 5;
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50.0%; Pred. No. 24;
tive 6; Mismatches 1
  SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                     Score 45;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-091-300-37; Sequence 37, Application US/10091300; Publication No. US20030108545A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 75, Application US/09144886 Patent No. US20020155114A1
                                                                                                                                                                                                                                                                                         4 HTITKLNAENNATFYFK 20
                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3 THTITKLNAENNATFY 18
                                                                                                                                                                               h 42.9%;
Similarity 47.1%;
8; Conservative
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Best Local Similarity 50.0%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 42.9 Best Local Similarity 56.2 Matches 9; Conservative
                                                                           ; TYPE: PRT; ORGANISM: Pinus radiata
US-10-174-693-398
                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 8; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: Human
US-10-091-300-37
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                        SEQ ID NO 398
LENGTH: 103
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OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.4
OTHER INFORMATION: EST HUMAN HIT: AW378342.1, EVALUE 1.00e-27
OTHER INFORMATION: SWISSPROT HIT: P01605, EVALUE 2.00e-27
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; Sequence 398, Application US/2003013137a1
GENERAL INFORMATION:
; APPLICANT: Bloksberg, Leonard N.
; APPLICANT: Bloksberg, Leonard N.
; TITE OF INVENTION: Materials and Methods for the
; TITE OF INVENTION: Modification of Plant Lignin Content
; FILE REPERENCE: 11000.1003.c5
; CURRENT APPLICATION NUMBER: US/10/174,693
; CURRENT FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 08/975,316
; PRIOR FILING DATE: 1996-09-11
; PRIOR FILING DATE: 1996-09-11
; PRIOR FILING DATE: 1996-09-11
; PRIOR FILING DATE: 1998-10-09
; PRIOR FILING DATE: 2000-07-12
; NUMBER OF SEQ ID NOS: 407
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             42.9%; Score 45; DB 9; Length 102; 56.2%; Pred. No. 16;
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                PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR PLILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR PLILING DATE: 2000-09-21
PRIOR PLILING DATE: 2000-09-21
PRIOR PLILING DATE: 2000-09-21
PRIOR PLILING DATE: 2000-09-30
APPLICATION NUMBER: GB 24263.6
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ORGANISM: Homo sapiens
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Matches 9; Conserva
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US-09-864-761-48570
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SEQ ID NO 48570
LENGTH: 102
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US-10-174-693-398
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                                                                                                                                                                                                                            Score 43; DB 15; Length 111;
Pred. No. 35;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           41.0%; Score 43; DB 9; Length 118;
56.2%; Pred. No. 37;
Live 3; Mismatches 4; Indels
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                                                                                                                                                                                                                                                                  6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Boehringer Ingelheim Pharma KG
TITLE OF INVENTION: Human FAP-alpha-specific antibodies
FILE REFERENCE: 1-1129
CURRENT APPLICATION NUMBER: US/09/811,737
CURRENT FILIKO DATE: 2001-03-19
NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 18, Application US/09811737
Patent No. US20020099180A1
GENERAL INFORMATION:
APPLICANT: Boehringer Ingelheim Pharma KG
TITLE OF INVENTION: Human FAB-alpha-specific antibodies
FILE REFERENCE: 1-1129
CURRENT APPLICATION UNMBER: US/09/811,737
CURRENT FILING DATE: 2001-03-19
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn Ver. 2.1
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Pred. No. 85;
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PRIOR APPLICATION NUMBER: US/09/786,015
PRIOR FILING DATE: 2001-04-09
                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/09811737 Patent No. US20020099180Al GENERAL INFORMATION:
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72 TATLTISSLQAEDEADYY 89
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207 TLTITSLQSEDFATYY 222
                                                                                                                                ORGANISM: Artificial Sequence
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56.2%;
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72 TLTITSLQSEDFATYY 87
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Best Local Similarity 50.08
Matches 9; Conservative
                                 NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4
LENGTH: 111
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Best Local Similarity 56.2
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Homo sapiens
US-09-811-737-18
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LENGTH: 118
TYPE: PRT
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                                                                                              Sequence 30. Application US/10083424

Publication No. US20030104497A1

GENERAL INFORMATION:
APPLICANT: Avicore Biotechnology Institute Inc.
TITLE OF INVENTION:
FILE OF INVENTION: Recombinant Scrv Antibodies Specific to Eimeria spp. Responsible FILE REFERENCE: Avicore-USA-1

CURRENT APPLICATION NUMBER: US/10/083,424

CURRENT FILING DATE: 2002-02-19

PRIOR FILING DATE: 2001-08-30

NUMBER OF SEQ ID NOS: 40
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Pred. No. 34;
3; Mismatches 6; Indels
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Pred. No. 34;
5; Mismatches 3; Indels
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APPLICANT: OLINER, JONATHAN D.
TITLE OF INVENTION: ANGIOPOIETIN-2 SPECIFIC BINDING AGENTS
FILE REFERENCE: A-722
CURRENT APPLICATION NUMBER: US/10/269,805
CURRENT FILING DATE: 2002-10-10
PRIOR FILING DATE: 2001-10-11
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Publication No. US20030008355A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: High-Affinity Antibodies
FILE REPERBENCE: GIFS-59
CURRENT APPLICATION NUMBER: US/10/199,908
CURRENT FILING DATE: 2002-07-18
                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: chicken hybridoma cell line 13C8
US-10-083-424-30
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Publication No. US20030124129A1
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50.0%;
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73 TLTISRLEAEDSAVYY 88
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SOFTWARE: PatentIn version 3.1
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Query Match
Best Local Similarity 50.09
Matches 9; Conservative
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Best Local Similarity 50.0
Matches 8; Conservative
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SEQ ID NO 30
LENGTH: 108
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US-10-269-805-56
                                                                    RESULT 10
US-10-083-424-30
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LENGTH: 108
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US-10-199-908-4
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41.0%; Score 43; DB 9; Length 255;
Best Local Similarity 56.2%; Pred. No. 86;
Matches 9; Conservative 3; Mismatches 4; Indels
RESULT 15
US-09-811-737-15
is sequence 15, Application US/09811737
is sequence 15, Application US/09811737
is enter No. US20020099180A1
is GENERAL INFORMATION:
is APPLICANT: Boehringer Ingelheim Pharma KG
is TITLE OF INVENTION: Human FAP-alpha-specific antibodies
is FILE REFERENCE: 1-1129
is CURRENT FILING DATE: 2001-03-19
is UNBER OF SEQ ID NOS: 32
is SOFTWARE: PatentIn Ver. 2.1
is SEQ ID NO 15
is LENGTH: 255
is TYPE: PRF.
is ORGANISM: Homo sapiens
US-09-811-737-15
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209 TLTITSLQSEDFATYY 224
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